

Lawrence Berkeley National Laboratory

Recent Work

Title

INDEX OF LRL BERKELEY MECHANICAL ENGINEERING DEPARTMENT ENGINEERING NOTES AND SPECIFICATIONS, VOLUME 1.

Permalink

<https://escholarship.org/uc/item/7v10h570>

Author

Turner, James O.

Publication Date

1963-12-01

University of California

Ernest O. Lawrence Radiation Laboratory

TEMPORARY SUPPLEMENT
TO
UCRL-11200 VOLUME 1
INDEX OF LRL BERKELEY MECHANICAL ENGINEERING DEPARTMENT
ENGINEERING NOTES AND SPECIFICATIONS

TWO-WEEK LOAN COPY

*This is a Library Circulating Copy
which may be borrowed for two weeks.
For a personal retention copy, call
Tech. Info. Division, Ext. 5545*

Berkeley, California

DISCLAIMER

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.



UCRL-11200 Vol. 1

UNIVERSITY OF CALIFORNIA
Lawrence Radiation Laboratory
Berkeley, California
AEC Contract No. W-7405-eng-48

TEMPORARY SUPPLEMENT
TO
UCRL-11200 VOLUME 1
INDEX OF LRL BERKELEY MECHANICAL ENGINEERING DEPARTMENT
ENGINEERING NOTES AND SPECIFICATIONS

October 15, 1964

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

ACCELERATING	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
ACCELERATING ACCELERATOR	ACCELERATING WAVEGUIDE (FABRICATION) UCID2142 (HEAVY ION ACCELERATOR) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3202 M3167B
ACCELERATOR	(184-INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3165B
ACCELERATOR	(184-INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS, (FY 1966 PRELIMINARY)	M3314
ACCELERATOR	(184-INCH CYCLOTRON, FY 1965) PROPOSED ACCELERATOR IMPROVEMENTS (PRELIMINARY)	M3313
ACCELERATOR	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET-SUBMISSION (FY 1966)	M3298
ACCELERATOR	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET SUBMISSION (FY 66.) UCID2226	M3311
ACCELERATOR	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, (PROPOSED REVISED) BUDGET (FOR FY 65) UCID2227	M3312
ACCELERATOR	(88-INCH CYCLOTRON,) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964) UCID2229	M3166C
ACCEPTANCE ACCESSWAY	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3289A M3279
ACCIDENT ACTUATORS	ACCIDENT WITH SWAGELOCK CAP MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3277 M3020
ADHESIVE	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
ADJUSTMENT	(BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M/2 MAGNET	M3132
ADJUSTMENTS	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
AGS	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
AGS	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
AGS	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

AIR	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
AIR	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381
AIR	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405
AIR	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
ALIGNMENT	(ADVANCED ACCELERATOR, A POSSIBLE) MAGNET ALIGNMENT SYSTEM (AND ITS IMPLICATIONS UCID2018)	M3200
ALIGNMENT	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
ALIGNMENT	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
ALLOY	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
ALPHA-BEAM	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
ALPHA-PARTICLE	ALPHA-PARTICLE SPECTROGRAPH-II, COST-ESTIMATE (FOR NEW SET OF) POLE-TIPS	M3157
ALTERATIONS	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
ALUMINA	CONSULTATION-TRIP TO WESTERN-GOLD-AND-PLATINUM-COMPANY ON ALUMINA PART DESIGN AND PRODUCTION	M3204
ALUMINUM	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
ALUMINUM	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
ALUMINUM	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
ALUMINUM	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
AMERICAN	(BOSTON MEETING) AMERICAN VACUUM SOCIETY, (OCTOBER 1963)	M3174
AMERICAN	(CONFERENCE OF) AMERICAN SOCIETY FOR METALS, (LOS ANGELES, MARCH 16 TO 19, 1964)	M3288
AMERICAN	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

AMERICAN	DESIGN ENGINEERING (CONFERENCE AND SHOW, CHICAGO, MAY 1964,) AMERICAN SOCIETY OF (MECHANICAL ENGINEERS.) UCID2267	M3332
ANACONDA-AMERICAN-B	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
ANALOG	A PROPOSAL (FOR FUTURE REPLACEMENT OF) ANALOG COMPUTER	M3271
ANALOG	PROPOSALS FOR AN ANALOG COMPUTER (INSTALLATION)	M3088
ANALOG	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
ANALYSER	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
ANALYSIS	(BEVATRON) LINAC SUPPORT-STANDS, STRESS ANALYSIS	M3116
ANALYSIS	ANALYSIS (OF LONG RECTANGULAR) MEMBRANE VACUUM-JACKET WINDOWS	M3187
ANALYSIS	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS	M3289A
APERTURE	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
APPRAISAL	APPRAISAL OF MAGNET WATER-COOLING HOSES	M3208
ARBITRARY	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
AREA	(BEVATRON MAGNET CORE) DESIGN AND TEST OF 3-SECTOR STANCHION, QUADRANT II, 89 DEGREE AREA	M3042
AREA	WEST-OUTSIDE-RADIUS TANGENT AREA PLATFORM, REINFORCEMENT. (BEVATRON)	M3207
ARGONNE	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373
ARGONNE	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178
ARGONNE	LIQUID DEUTERIUM TARGET FOR ARGONNE UCID2352	M3402
ARMOR	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
ARMS	BLOCK LIFTING FIXTURE ARMS, (ADAPTER AND 1 1/2 INCH DIAMETER PIN)	M3186
ASME	ASME DESIGN ENGINEERING (CONFERENCE AND SHOW, MAY 1964)	M3333
ASSEMBLIES	(8 AND 12-INCH, TYPE QB) QUADRUPOLE MAGNETS, (FINAL) ASSEMBLIES	M3061
ASSEMBLY	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T STRAIGHT TO CURVED ASSEMBLY PROCEDURE	M3137
ASSEMBLY-BUILDING	(12QB AUXILIARY) MAGNETS, (SPECIAL) LIFTING-FRAME (FOR USE IN) ASSEMBLY-BUILDING	M3220A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

ASSOCIATION	MICROFILMING (STATE OF THE ART) NATIONAL MICROFILM ASSOCIATION (MEETING, SAN FRANCISCO, APRIL 30 TO MAY 2, 1963)	M3184
AUTHORS	ENGINEERING-NOTE AUTHORS GUIDE	M3374A
AUTOMATIC	(1964 JOINT) AUTOMATIC CONTROLS CONFERENCE AT STANFORD UNIVERSITY	M3361
AVS	MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3342
BACKSTOP	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
BAKING-STUDY	(ISOTOPE-SEPARATOR) BAKING-STUDY	M3007
BALANCE	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
BAR	SPREADER BAR (ASSEMBLY) STRESSES	M3040
BARB	WEATHERHEAD H-9 HOSE AND BARB (VARIATIONS TO ALLOW EASY ASSEMBLY AND) LEAK-TIGHTNESS	M3280
BARBS	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
BEAM	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
BEAM	(BEVATRON INJECTOR II) BEAM PATTERN, SOME PRELIMINARY CALCULATIONS	M3003
BEAM	(BEVATRON INJECTOR II) BEAM SCANNING-SLITS, DRIVE-SHAFT VIBRATION	M3005
BEAM	(BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M 2 MAGNET	M3132
BEAM	(BEVATRON INJECTOR II, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131
BEAM	EXTERNAL BEAM MAGNETS, (FACTORS AFFECTING) ENERGY RESOLUTION	M3363
BEAM	IRON-BOUND SOLENOIDS FOR BEAM FOCUSING	M3195
BEAM	30-TON TRANSFER BEAM DESIGN UCID2215	M3317
BEAM-EXIT	(BEVATRON MAGNET) COIL-END WINDING-SUPPORTS, (OUTER RADIUS REVISION FOR) BEAM-EXIT, (EXIT QUADRANTS II AND III)	M3089
BEAM-EXIT	VACUUM-ENVELOPE, BEAM-EXIT EXTENSION-TANK	M3287

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

BEAM-SIZES	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
BEAM-TUBE	(M-4) MAGNET VACUUM BEAM-TUBE STUDY	M3016
BEAM-TUBE	CAVE BEAM-TUBE VACUUM, (PREDICTED) ROUGHING (TIME) UCID2225	M3185
BEAMS	(ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M3229
BEAMS	(ADVANCED ACCELERATOR) MAGNET RING SUPPORT BEAMS (220 FT LONG, A METHOD OF SUPPORTING THE BEAM AND ESTIMATES OF DEFLECTIONS) UCID2139	M3230
BEAMS	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORTS, CROSS-SECTION PARAMETERS FOR BEAMS (8 FT TO 15 FT DEEP)	M3242
BEAMS	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
BEAMS	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (THE ADVANTAGE OF CENTERING BEAM IN) TUNNEL, (WITH THREE EXAMPLES)	M3270
BEAMS	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
BEAMS	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
BEAMS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
BEAMS	DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3194
BEARING	(BEVATRON) MG NO. 6 BEARING LUBRICATION INSTRUCTION	M3080
BEARING	(BEVATRON, EXTERNAL PROTON BEAM) BEARING EVALUATION TEST	M3082
BEARING	(25-INCH) BUBBLE-CHAMBER, (DETERMINATION OF FINAL) GASKET, BEARING PAD, (DIMENSIONS)	M3101
BEARING	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

BELL-JAR	(CUSTOM) VACUUM BELL-JAR	M3033
BELLOWS	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354
BENCH	OPTICAL BENCH RIGIDITY	M3152
BENDING	(AUXILIARY) BENDING MAGNET LEANDER	M341C
BENDING	BENDING MAGNET DESIGN CALCULATIONS UCID2228	M3316
BENDING	PULSED BENDING MAGNET	M367A
BEVATRON	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
BEVATRON	CODE-NUMBERS FOR BEVATRON DRAWINGS AND ENGINEERING-NOTES	M3046
BIMETALLIC	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
BIOLOGICAL	(PORTABLE) BIOLOGICAL LABORATORY TRUCK CHASSIS	M349B
BIOLOGICAL	(PORTABLE) BIOLOGICAL LABORATORY VAN BODY	M350B
BLACKBERRY	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
BLOCK	(BEVATRON) BLOCK (CONCRETE SHIELDING-WEIGHT AND VOLUME RECAPITULATION)	M3073
BLOCK	BLOCK LIFTING FIXTURE ARMS, (ADAPTER AND 1 1/2 INCH DIAMETER PIN)	M3186
BLOCK	CONCRETE BLOCK LIFTING FIXTURE STRESSES UCID2205	M3041
BLOCK	300 LBS/CF CONCRETE SHIELDING BLOCK COSTS	M3032
BLOCKS	(184-INCH CYCLOTRON) SHIELDING BLOCKS, REVISED NUMBERING SYSTEM	M3325
BLOCKS	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
BODY	(NEW) BUBBLE-CHAMBER BODY, STRESS CALCULATIONS UCID1902	M3054
BODY	(NEW) BUBBLE-CHAMBER BODY, COST (AND TIME) ESTIMATE	M3052
BODY	(PORTABLE) BIOLOGICAL LABORATORY VAN BODY	M350B
BODY	(25-INCH) BUBBLE-CHAMBER BODY AND WINDOWS, STRESS CALCULATIONS UCID2071	M3232
BODY	(72-INCH) BUBBLE-CHAMBER, (NEW) BODY, (ADDITIONAL) STRESS CALCULATIONS UCID1936	M3087
BOLTS	(AUXILIARY) MAGNET (M4,) DESIGN OF YOKE LAMINATION BOLTS UCID2333	M3103
BOLTS	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, CERAMIC (MAIN) VACUUM TANK (PRELIMINARY)	M366

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

BOOSTER	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM (COST-ESTIMATE, ZERO-ORDER.	M3258
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, A MECHANICAL TUNING SYSTEM FOR A CAVITY (TO BE TUNED FROM 50 MC TO 100 MC)	M3339
BOOSTER	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON, BROOKHAVEN, CAMBRIDGE, GENERAL-ELECTRIC (TRIP REPORT, JUNE 1964)	M3344
BOOSTER	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
BOOSTER	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
BOOSTER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON MAGNET PARAMETER STUDY, JUNE 1964	M3390
BRAZING	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
BROOKHAVEN	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON, BROOKHAVEN, CAMBRIDGE, GENERAL-ELECTRIC (TRIP REPORT, JUNE 1964)	M3344
BROOKHAVEN	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178
BROOKHAVEN-NATIONAL	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
BRUTUS	BRUTUS STEERING MAGNET. COST (SUMMARY)	M3025
BUBBLE-CHAMBER	(NEW) BUBBLE-CHAMBER BODY, STRESS CALCULATIONS UCID1902	M3054
BUBBLE-CHAMBER	(NEW) BUBBLE-CHAMBER BODY, COST (AND TIME) ESTIMATE	M3052
BUBBLE-CHAMBER	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

BUBBLE-CHAMBER	(25-INCH HYDROGEN) BUBBLE-CHAMBER, MULTIPULSING TEST (DURING ENGINEERING RUN,) UCID2157	M3290
BUBBLE-CHAMBER	(25-INCH) BUBBLE-CHAMBER, (DETERMINATION OF FINAL) GASKET, BEARING PAD, (DIMENSIONS)	M3101
BUBBLE-CHAMBER	(25-INCH) BUBBLE-CHAMBER BODY AND WINDOWS, STRESS CALCULATIONS UCID2071	M3232
BUBBLE-CHAMBER	(72-INCH) BUBBLE-CHAMBER, (NEW)BODY, (ADDITIONAL) STRESS CALCULATIONS UCID1936	M3087
BUBBLE-CHAMBER	BUBBLE-CHAMBER VACUUM TANK STRESS CALCULATIONS UCID1905	M3060
BUBBLE-CHAMBER	MAGNET STUDY FOR 8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3053
BUBBLE-CHAMBER	SAFETY-REQUIREMENTS FOR 25-INCH HYDROGEN AND 30-INCH PROPANE BUBBLE-CHAMBER (COMBINED) OPERATION (SPRING 1964) UCID2209	M3209
BUBBLE-CHAMBER	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
BUBBLE-CHAMBER	8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3014
BUBBLE-CHAMBERS	DISPERSIVE-POWER OF LIQUID HYDROGEN IN BUBBLE-CHAMBERS UCID2340	M3335
BUDGET	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, (PROPOSED REVISED) BUDGET (FOR FY 65) UCID2227	M3312
BUDGET	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET SUBMISSION (FY 66.) UCID2226	M3311
BUDGET-SUBMISSION	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET-SUBMISSION (FY 1966)	M3298
BUILDING	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
BUILDING-MODIFICATI	MACHINE-INSTALLATION, COST-ESTIMATE OF BUILDING-MODIFICATION	M3058
BUNCHER	(BEVATRON) INJECTOR II BUNCHER	M3074
BUNCHER	CW BUNCHER, COOLING CALCULATIONS	M3084
BUNDLE	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
BUDYANT	BUOYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
BURST	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
BURSTING	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

BUSES	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
BUTYL	(STANDARD SPECIFICATION FOR) BUTYL RUBBER TUBING FOR VACUUM (USE)	M18
CABLES	(BEVATRON INJECTOR II) MAGNETIC FORCES ON IM-3 POWER CABLES	M3010
CAL-COMP	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
CALCULATING	(TECHNICAL MEETING 12-11-63) CALCULATING RELIABILITY FOR ENGINEERING DEVICES	M3273
CALCULATION	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261
CALCULATIONS	(AUXILIARY MAGNETS TO EXTERNAL PROTON BEAM M-5) MAGNET DESIGN CALCULATIONS	M3177A
CALCULATIONS	(AUXILIARY) MAGNET (M-3V,) DESIGN CALCULATIONS	M3094
CALCULATIONS	(BASEMENT SLIDING) STEEL DOOR, DESIGN CALCULATIONS	M3330
CALCULATIONS	(BEVATRON INJECTOR II) BEAM PATTERN, SOME PRELIMINARY CALCULATIONS	M3003
CALCULATIONS	(BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M 2 MAGNET	M3132
CALCULATIONS	(BEVATRON, MAGNET POWER SUPPLY) MOTOR-GENERATOR-SET NATURAL FREQUENCY CALCULATIONS	M3362A
CALCULATIONS	(HEAVY ION ACCELERATOR, 18 PCT) DUTY-FACTOR (OPERATION) HEATING CALCULATIONS (AND MECHANICAL ENGINEERING) COST-ESTIMATE	M3065
CALCULATIONS	(M-6) MAGNET DESIGN CALCULATIONS UCID2336	M3176A
CALCULATIONS	(NEW) BUBBLE-CHAMBER BODY, STRESS CALCULATIONS UCID1902	M3054
CALCULATIONS	(25-INCH) BUBBLE-CHAMBER BODY AND WINDOWS, STRESS CALCULATIONS UCID2071	M3232
CALCULATIONS	(72-INCH) BUBBLE-CHAMBER, (NEW) BODY, (ADDITIONAL) STRESS CALCULATIONS UCID1936	M3087
CALCULATIONS	(88-INCH CYCLOTRON) DEE COOLING AND STRUCTURAL CALCULATIONS UCID2222	M3296
CALCULATIONS	BENDING MAGNET DESIGN CALCULATIONS UCID2228	M3316
CALCULATIONS	BUBBLE-CHAMBER VACUUM TANK STRESS CALCULATIONS UCID1905	M3060
CALCULATIONS	CALCULATIONS FOR PERMANENT MAGNET (USED IN) DRIVE CAPSULE	M3392
CALCULATIONS	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CALCULATIONS	CW BUNCHER, COOLING CALCULATIONS	M3084
CALCULATIONS	EARTHQUAKE STABILITY CALCULATIONS FOR ELECTRICAL SUBSTATION (EQUIPMENT)	M3328
CALCULATIONS	FOIL ROLLING-MILL DESIGN CALCULATIONS	M3218
CALCULATIONS	INHOMOGENEOUS DEFLECTING MAGNET CALCULATIONS	M3121
CALCULATIONS	MAGNET LIFTING FIXTURE CALCULATIONS	M3013
CALCULATIONS	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
CALIBRATION	CONTROLLED-TEMPERATURE WATER SYSTEM CALIBRATION (DATA)	M3006
CALIBRATION	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
CALIBRATION	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
CALIBRATION	THERMOCOUPLE VACUUM GAUGE CALIBRATION PROCEDURE	M3210
CAMBRIDGE	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON, BROOKHAVEN, CAMBRIDGE, GENERAL-ELECTRIC (TRIP REPORT, JUNE 1964)	M3344
CAMERA	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
CANYON	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
CAP	ACCIDENT WITH SWAGELOCK CAP	M3277
CAPACITIVE	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
CAPSULE	CALCULATIONS FOR PERMANENT MAGNET (USED IN) DRIVE CAPSULE	M3392
CARBON	PROCEDURE FOR THE PREPARATION OF CARBON FILMS (OF INTERMEDIATE THICKNESS)	M3106
CART	STABILITY OF A CART WITH CASTERS	M3008
CARTER	(1964) CARTER, PRINCETON (SEMINAR.) SOLVING TEMPERATURE PROBLEMS WITH THERMOELECTRICS UCID2346	M3384
CASTERS	STABILITY OF A CART WITH CASTERS	M3008
CASTING	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
CATHODES	SPECTROMETER GLASS CATHODES	M351
CATHODES	VELOCITY SPECTROMETERS (MARK VI) GLASS CATHODES	M363
CAVE	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3031
CAVE	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3142A
CAVE	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CAVE	CAVE BEAM-TUBE VACUUM, (PREDICTED) ROUGHING (TIME) UCID2225	M3185
CAVE	PHYSICS CAVE SHIELDING COST (STEEL) UCID2187	M3223
CAVE	PHYSICS CAVE SHIELDING COST (STEEL) UCID2186	M3222
CAVITIES	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348
CAVITIES	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381
CAVITY	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, A MECHANICAL TUNING SYSTEM FOR A CAVITY (TO BE TUNED FROM 50 MC TO 100 MC)	M3339
CAVITY	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
CEMENTS	(COMPARISON OF SEVERAL) HEAT-TRANSFER CEMENTS	M3002
CENTER-OF-GRAVITY	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
CERAMIC	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, CERAMIC (MAIN) VACUUM TANK (PRELIMINARY)	M366
CERAMIC	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
CERENKOV	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600 PSI NITROGEN CERENKOV COUNTER	M3004
CERENKOV	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300 PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
CERENKOV	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
CERN	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, (MEETING WITH DR. E.) FISCHER FROM CERN	M3299
CHA-INDUSTRIES	PERFORMANCE TEST OF A CHA-INDUSTRIES 6-INCH (HIGH) VACUUM PUMPING (SYSTEM) UCID2345	M3389
CHAMBER	(ADVANCED ACCELERATOR,) MAIN VACUUM-SYSTEM, (COMPARATIVE STUDY OF) CHAMBER MATERIALS	M3227
CHAMBER	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CHAMBER	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134
CHAMBER	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
CHAMBER	CHAMBER PRESSURIZATION WITH NEON AND SULFUR-DIOXIDE	M3278
CHASSIS	(PORTABLE) BIOLOGICAL LABORATORY TRUCK CHASSIS	M3498
CHECK-LIST	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600-PSI NITROGEN CERENKOV COUNTER	M3004
CHECK-LIST	(2000 P S I) METHANE COUNTER, OPERATION CHECK-LIST AND PROCEDURE	M3151A
CHECKING	A DEVICE (FOR RAPID AND THOROUGH) CHECKING OF LEAD SCREWS. UCID2362	M3408
CHECKLIST	ENGINEERING DOCUMENTATION SYSTEM (CONSIDERATIONS AND) CHECKLIST	M3163
CHECKLIST	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A
CHILLER	(RESULTS OF) FIELD-FREE LABORATORY CHILLER MODIFICATION	M3203
CIRCUITS	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351
CIRCULAR	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
CLAMPS	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
CLEANING	COATED OPTICS, HANDLING AND CLEANING OF	M3149
CLEANING	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368
CLEANING-STUDY	GLOW DISCHARGE CLEANING-STUDY	M3015
CLIPPER	(BEVATRON, EAST-INSIDE-SOUTH) HYDRAULIC CLIPPER PLUNGER	M3036
COATED	COATED OPTICS, HANDLING AND CLEANING OF	M3149
CODE-NUMBERS	CODE-NUMBERS FOR BEVATRON DRAWINGS AND ENGINEERING-NOTES	M3046
COIL	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, TOLERANCE ON COIL LOCATION UCID2141	M3211
COIL	(BEVATRON INJECTOR II, THE ALTERNATIVES SHOULD) INFLECTOR MAGNET COIL IM-3 BECAME INOPERATIVE	M3118A
COIL	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T LONG COIL WINDING INSTRUCTIONS	M3123A
COIL	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T SHORT COIL WINDING INSTRUCTIONS	M3136

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

COIL	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
COIL	(CONSTRUCTION AND) PERFORMANCE TESTS (OF 2-1/2 IN. ID, 36 KG) SUPERCONDUCTING COIL	M3388
COIL	(M-5 AUXILIARY) MAGNET COIL	M362A
COIL	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
COIL	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224
COIL	(8 AND 12-INCH TYPE) QB QUADRUPOLE MAGNET COIL (ASSEMBLIES)	M3488
COIL	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
COIL	MAGNET COIL IMPULSE TESTING	M3191
COIL-END	(BEVATRON MAGNET) COIL-END WINDING-SUPPORTS, (OUTER RADIUS REVISION FOR) BEAM-EXIT, (EXIT QUADRANTS II AND III)	M3089
COIL-IN-GAP	FIELD UNIFORMITY IN COIL-IN-GAP (TYPE) MAGNETS UCID1881	M3026
COILS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR FLAT) COILS (WITH RECTANGULAR SECTION) UCID2146	M3155
COILS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR) SADDLE COILS (WITH RECTANGULAR SECTION) UCID2147	M3156
COILS	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
COILS	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
COILS	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
COILS	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022
COILS	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826/FURANE D40 FORMULATION)	M347
COILS	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826 FURANE D40 FORMULATION)	M358
COILS	VACUUM IMPREGNATION OF MAGNET COILS WITH (LRL) EPOXY (FORMULATION NO. CT2E)	M360A

INDEX OF (LRL) BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

COLD	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
COLLET-TYPE	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
COMPONENTS	MOLECULAR-BEAM REACTION-CHAMBER, COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3318
COMPONENTS	MOLECULAR-BEAM REACTION-CHAMBER, (REVISED) COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3404
COMPUTER	(BEVATRON) MAGNET CORE SURVEY COMPUTER PROGRAM	M3286
COMPUTER	(CURRENT LIST OF) DIGITAL COMPUTER PROGRAMS UCID2278	M3347
COMPUTER	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373
COMPUTER	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
COMPUTER	A PROPOSAL (FOR FUTURE REPLACEMENT OF) ANALOG COMPUTER	M3271
COMPUTER	PROPOSALS FOR AN ANALOG COMPUTER (INSTALLATION)	M3088
COMPUTER	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
CONCRETE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244
CONCRETE	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
CONCRETE	CONCRETE BLOCK LIFTING FIXTURE STRESSES UCID2205	M3041
CONCRETE	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
CONCRETE	MAGNETITE OR HEMATITE HIGH DENSITY (225 LBS/CF) CONCRETE SHIELDING BLOCKS	M15B
CONCRETE	300 LBS/CF CONCRETE SHIELDING BLOCK COSTS	M3032
CONDENSER	(HEAVY ION ACCELERATOR, CW DRIVER,) TUBE AND GRID CONDENSER COOLING	M3141
CONDENSER	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111
CONDUCTIVITY	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CONDUCTOR	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR FLAT) COILS (WITH RECTANGULAR SECTION) UCID2146	M3155
CONDUCTOR	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR) SADDLE COILS (WITH RECTANGULAR SECTION) UCID2147	M3156
CONDUCTOR	(ADVANCED ACCELERATOR) EDDY CURRENTS (IN A ROUND) CONDUCTOR (DUE TO AN EXTERNAL) MAGNETIC FIELD	M3358
CONDUCTOR	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
CONDUCTOR	TEMPERATURE-DISTRIBUTION IN A WATER-COOLED HOLLOW CONDUCTOR	M3130
CONDUCTORS	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
CONDUCTORS	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
CONDUITS	MOLECULAR FLOW (THROUGH HOT AND COLD) CONDUITS UCID2334	M3148
CONFERENCE	(1964 JOINT) AUTOMATIC CONTROLS CONFERENCE AT STANFORD UNIVERSITY	M3361
CONFORMAL	(ADVANCED ACCELERATOR) NORMAL C MAGNETS AND CONFORMAL H MAGNETS FOR MAIN-RING	M365
CONFORMAL	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY COMPARISON OF) NORMAL H AND CONFORMAL MAGNETS UCID2143	M3181
CONFORMAL	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CURRENT-DENSITY IN CONFORMAL MAGNETS	M3254
CONFORMAL	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261
CONSTRUCTION	CONSTRUCTION (AND CHARACTERISTICS OF) SOLENOID MAGNET IRIS (5 IN. ID, 20 KG)	M3387
CONSULTATION-TRIP	CONSULTATION-TRIP TO WESTERN-GOLD-AND-PLATINUM-COMPANY ON ALUMINA PART DESIGN AND PRODUCTION	M3204
CONTACT	(SEMINAR ON) ELECTRICAL CONTACT DESIGN	M3169
CONTRACT	(ADVANCED ACCELERATOR MAIN) VACUUM SYSTEM, (COMPARISON BETWEEN (PRELIMINARY) COST-ESTIMATES AND CONTRACT BIDS	M3284
CONTROL	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CONTROL	LIQUID NITROGEN LEVEL CONTROL SYSTEM	M3050
CONTROL	PULSE-LINE IGNITRON TEMPERATURE CONTROL (SYSTEM, DESCRIPTION AND) OPERATING-INSTRUCTIONS	M3067
CONTROL-SYSTEM	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
CONTROLLED-TEMPERAT CONTROLS	CONTROLLED-TEMPERATURE WATER SYSTEM CALIBRATION (DATA) (1964 JOINT) AUTOMATIC CONTROLS CONFERENCE AT STANFORD UNIVERSITY	M3006 M3361
COOLING	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348
COOLING	(HEAVY ION ACCELERATOR, MECHANICAL ENGINEERING) ESTIMATE FOR MACHINE COOLING AND SHIELDING (AT VARIOUS) DUTY-FACTORS	M3070
COOLING	(HEAVY ION ACCELERATOR, CW DRIVER,) TUBE AND GRID CONDENSER COOLING	M3141
COOLING	(HEAVY ION ACCELERATOR, EXTRA) COOLING FOR HEADS AND HALF DRIFT-TUBES	M3395
COOLING	(HILAC 100 PCT DUTY FACTOR OPERATION,) COOLING WATER FLOW REQUIREMENTS FOR TUNING LOOPS	M3097
COOLING	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354
COOLING	(4 1/2 PCT) DUTY-FACTOR (OPERATION) DRIFT-TUBE STEM AND SHELL COOLING (REQUIREMENTS)	M3069
COOLING	(88 INCH CYCLOTRON, NEW) MAGNET POWER SUPPLIES, COOLING UCID2224	M3250
COOLING	(88-INCH CYCLOTRON) DEE COOLING AND STRUCTURAL CALCULATIONS UCID2222	M3296
COOLING	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
COOLING	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381
COOLING	CW BUNCHER, COOLING CALCULATIONS	M3084
COOLING	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256
COOLING	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351
COOLING	HEATING AND COOLING (OF LARGE) OPTICAL GLASS PARTS UCID2347	M3386
COOLING	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

COOLING	PRESTRIPPER TANK GRILL COOLING (REQUIREMENTS AT) 100 PER CENT DUTY CYCLE	M3409
COOLING-TUBE	TEMPERATURE-DROP BETWEEN HEATED-SHEET AND COOLING-TUBE UCID2223	M3303
COPPER	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213
COPPER	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
COPPER	RADIO-FREQUENCY RESISTIVITY OF (ROUGH) OFHC COPPER AT 140 MC	M3366
COPPER-FINS	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111
CORE	(BEVATRON) MAGNET CORE SURVEY COMPUTER PROGRAM	M3286
CORES	(ADVANCED ACCELERATOR,) REDUCING STRESS-VARIATION IN MAIN-RING MAGNET CORES (WITH LEGS AT ENDS.)	M3326
CORRECTING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS (PRELIMINARY) COST-ESTIMATE OF CORRECTING (MAGNETS)	M3248
CORROSION-RATE	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
COST	(NEW) BUBBLE-CHAMBER BODY, COST (AND TIME) ESTIMATE	M3052
COST	(18 X 60 H) MAGNET, DESIGN AND COST ESTIMATE UCID2129	M3275
COST	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3031
COST	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3142A
COST	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
COST	(8QB AND 12QB) QUADRUPOLE MAGNET COST (COMPARISON)	M3349
COST	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
COST	BRUTUS STEERING MAGNET. COST (SUMMARY)	M3025
COST	COST OF MAGNETS (DECEMBER 1962 - DECEMBER 1963) UCID 2341	M3383
COST	COST OF SUPERCONDUCTING MAGNETS	M3018
COST	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
COST	MAGNET COST (GRAPHS) UCID2338	M3382
COST	PHYSICS CAVE SHIELDING COST (STEEL) UCID2186	M3222
COST	PHYSICS CAVE SHIELDING COST (STEEL) UCID2187	M3223
COST-COMPARISON	(ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3226

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

COST-ESTIMATE	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, COST-ESTIMATE UCID2152	M32418
COST-ESTIMATE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244
COST-ESTIMATE	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS (PRELIMINARY) COST-ESTIMATE OF CORRECTING (MAGNETS)	M3248
COST-ESTIMATE	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
COST-ESTIMATE	(BEVATRON) EXTERNAL-PROTON-BEAM COST-ESTIMATE (SUMMARY 1-1-64 PHASE IB AND II)	M31278
COST-ESTIMATE	(HEAVY ION ACCELERATOR, 18 PCT) DUTY-FACTOR (OPERATION) HEATING CALCULATIONS (AND MECHANICAL ENGINEERING) COST-ESTIMATE	M3065
COST-ESTIMATE	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CENT LOAD-FACTOR, COST-ESTIMATE (FOR FIRST STAGE OF CONSTRUCTION)	M3376
COST-ESTIMATE	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CNT LOAD-FACTOR, COST-ESTIMATE	M3375
COST-ESTIMATE	(88-INCH CYCLOTRON) REGENERATIVE DEFLECTION-SYSTEM (DESCRIPTION AND) COST-ESTIMATE	M3380A
COST-ESTIMATE	(88-INCH CYCLOTRON) SPARE DEE (DESCRIPTION AND) COST-ESTIMATE	M3379
COST-ESTIMATE	ALPHA-PARTICLE SPECTROGRAPH-II, COST-ESTIMATE (FOR NEW SET OF) POLE-TIPS	M3157
COST-ESTIMATE	COST-ESTIMATE FOR REPLACING THE RAILS OF THE JULIUS MAGNET	M3161
COST-ESTIMATE	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), COST-ESTIMATE (BASED ON 1/8 SIZE MODEL)	M3129
COST-ESTIMATE	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (ADDITIONAL) PROPOSAL AND COST-ESTIMATE	M3323
COST-ESTIMATE	MACHINE-INSTALLATION, COST-ESTIMATE OF BUILDING-MODIFICATION	M3058
COST-ESTIMATE	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
COST-ESTIMATE	MOLECULAR-BEAM REACTION-CHAMBER, COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3318
COST-ESTIMATE	MOLECULAR-BEAM REACTION-CHAMBER, (REVISED) COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3404

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

COST-ESTIMATES	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
COST-ESTIMATES	(ADVANCED ACCELERATOR) COST-ESTIMATES, INJECTOR, MECHANICAL HARDWARE AND ENGINEERING UCID2307	M3246
COST-ESTIMATES	(ADVANCED ACCELERATOR) COST-ESTIMATES EXPERIMENTAL-AREA, MECHANICAL HARDWARE AND ENGINEERING	M3247
COST-ESTIMATES	(ADVANCED ACCELERATOR MAIN) VACUUM SYSTEM, (COMPARISON BETWEEN PRELIMINARY) COST-ESTIMATES AND CONTRACT BIDS	M3284
COST-ESTIMATES	(HEAVY ION ACCELERATOR) PROPOSED IMPROVEMENTS, COST-ESTIMATES FOR TARGET-AREAS	M3262
COST-ESTIMATES	(184-INCH CYCLOTRON) PROPOSED IMPROVEMENTS, CENTER REGION STUDIES COST-ESTIMATES	M3300
COST-ESTIMATES	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
COST-STUDY	(ADVANCED ACCELERATOR) MAIN-RING MAGNET (JANUARY 1964) COST-STUDY (CASES H2 AND H6)	M3238
COSTS	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
COSTS	300 LBS/CF CONCRETE SHIELDING BLOCK COSTS	M3032
COUNTER	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600 PSI NITROGEN CERENKOV COUNTER	M3004
COUNTER	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300 PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
COUNTER	(2000 P S I) METHANE COUNTER, OPERATION CHECK-LIST AND PROCEDURE	M3151A
COUNTER	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
COUPLING	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
CRANE	EXAMINATION OF 30-TON A CRANE HOOK UCID2204	M3062
CREEP	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
CRITERIA	(SOME) CRITERIA FOR FLOW INTERLOCKS UCID2231	M3183

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

CRITERIA	(SOME) ULTRA-HIGH VACUUM DESIGN CRITERIA UCID2279	M3350A
CROSSOVER	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
CRYOSTAT	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
CUBIC-EQUATION	WORK-SHEET FOR SOLVING A CUBIC-EQUATION	M3009
CURCUITS	DIODE CURCUITS FOR NON-LINEAR SIMULATION UCID2073	M3234
CURRENT-AWARENESS	A TECHNICAL INFORMATION SYSTEM AND CURRENT-AWARENESS (MINNESOTA MINING AND MFG. CO.) MICROFORUM, (DECEMBER 6, 1963.)	M3253
CURRENT-CARRYING	CURRENT-CARRYING (CAPACITY OF SEVERAL UCLRL) TUBING FITTINGS	M3266
CURRENT-DENSITY	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CURRENT-DENSITY IN CONFORMAL MAGNETS	M3254
CURRENT-SETTING	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
CURRENTS	(ADVANCED ACCELERATOR) EDDY CURRENTS (IN A ROUND) CONDUCTOR (DUE TO AN EXTERNAL) MAGNETIC FIELD	M3358
CYCLOTRON	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
CYLINDRICAL	BUOYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
DALL-TUBE	THE DALL-TUBE FLOW INTERLOCK, (A FIRST LOOK)	M3098
DEE	(88-INCH CYCLOTRON) DEE TANK (HISTORY OF REPAIRS TO) LEAKS IN MAIN VACUUM SEAL UCID2220	M3285
DEE	(88-INCH CYCLOTRON) DEE COOLING AND STRUCTURAL CALCULATIONS UCID2222	M3296
DEE	(88-INCH CYCLOTRON) SPARE DEE (DESCRIPTION AND) COST-ESTIMATE	M3379
DEEP	(ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3226
DEEP	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
DEEP-DRAWING	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
DEFINITION	(ADVANCED ACCELERATOR MAIN) VACUUM SYSTEM, DEFINITION OF PROBLEMS UCID2127	M3263
DEFLECTING	INHOMOGENEOUS DEFLECTING MAGNET CALCULATIONS	M3121

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

DEFLECTION	(EXTERNAL BEAM) DEFLECTION MAGNET POLARITY UCID2337	M3327
DEFLECTION-SYSTEM	(88-INCH CYCLOTRON) REGENERATIVE DEFLECTION-SYSTEM (DESCRIPTION AND) COST-ESTIMATE	M3380A
DEFLECTIONS	DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3194
DEFLECTOR	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213
DEMAGNETIZATION	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
DEMINERALIZED	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A
DESIGN	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY SURVEY OF) DESIGN PROBLEMS UCID2145	M3154
DESIGN	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (LIST OF REQUIRED) DESIGN PARAMETERS	M3257
DESIGN	(AFFECT OF) SATURATION ON THE DESIGN OF GRADIENT FIELD MAGNETS	M3370
DESIGN	(AUXILIARY MAGNETS TO EXTERNAL PROTON BEAM M-5) MAGNET DESIGN CALCULATIONS	M3177A
DESIGN	(AUXILIARY) MAGNET (M-3V,) DESIGN CALCULATIONS	M3094
DESIGN	(AUXILIARY) MAGNET (M4,) DESIGN OF YOKE LAMINATION BOLTS UCID2333	M3103
DESIGN	(BASEMENT SLIDING) STEEL DOOR, DESIGN CALCULATIONS	M3330
DESIGN	(BEVATRON MAGNET CORE) DESIGN AND TEST OF 3-SECTOR STANCHION, QUADRANT II, 89 DEGREE AREA	M3042
DESIGN	(BEVATRON VACUUM ENVELOPE BEAM EXIT) DESIGN OF VACUUM GATE VALVE	M3272
DESIGN	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
DESIGN	(M-6) MAGNET DESIGN CALCULATIONS UCID2336	M3176A
DESIGN	(SEMINAR ON) ELECTRICAL CONTACT DESIGN	M3169
DESIGN	(SOME) ULTRA-HIGH VACUUM DESIGN CRITERIA UCID2279	M3350A
DESIGN	(18 X 60 H) MAGNET, DESIGN AND COST ESTIMATE UCID2129	M3275
DESIGN	(20 AND 40 GPM) FLOWSWITCH DESIGN	M3140A
DESIGN	ASME DESIGN ENGINEERING (CONFERENCE AND SHOW, MAY 1964)	M3333
DESIGN	BENDING MAGNET DESIGN CALCULATIONS UCID2228	M3316
DESIGN	BUDYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
DESIGN	CONSULTATION-TRIP TO WESTERN-GOLD-AND-PLATINUM-COMPANY ON ALUMINA PART DESIGN AND PRODUCTION	M3204

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

DESIGN	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
DESIGN	DESIGN ENGINEERING (CONFERENCE AND SHOW, CHICAGO, MAY 1964,) AMERICAN SOCIETY OF (MECHANICAL ENGINEERS.) UCID2267	M3332
DESIGN	FLOW SWITCH DESIGN (UTILIZING) DIFFUSER (RECOVERY)	M3334
DESIGN	FOIL ROLLING-MILL DESIGN CALCULATIONS	M3218
DESIGN	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
DESIGN	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
DESIGN	O-RING VACUUM SEALS, J (MORGRIP) GROOVE DESIGN	M3175A
DESIGN	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
DESIGN	30-TON TRANSFER BEAM DESIGN UCID2215	M3317
DESIGNING	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
DESIGNS	(ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3226
DETECTOR	(A SENSITIVE) TEMPERATURE DEVIATION DETECTOR	M3038
DEUTERIUM	LIQUID DEUTERIUM TARGET FOR ARGONNE UCID2352	M3402
DEUTERIUM	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111
DEVELOPMENT	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
DEVIATION	(A SENSITIVE) TEMPERATURE DEVIATION DETECTOR	M3038
DEVICE	A DEVICE (FOR RAPID AND THOROUGH) CHECKING OF LEAD SCREWS. UCID2362	M3408
DEVICES	(TECHNICAL MEETING 12-11-63) CALCULATING RELIABILITY FOR ENGINEERING DEVICES	M3273
DEWARS	(UNATTENDED) INDUSTRIAL-TYPE LIQUID HYDROGEN DEWARS UCID2156	M3206
DIAZO	DIAZO PRINT MACHINE	M354
DIFFERENTIAL	THE MAGNEHELIC DIFFERENTIAL PRESSURE GAGE	M3249
DIFFUSER	FLOW SWITCH DESIGN (UTILIZING) DIFFUSER (RECOVERY)	M3334
DIFFUSION	MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3342
DIGITAL	(CURRENT LIST OF) DIGITAL COMPUTER PROGRAMS UCID2278	M3347
DIMENSIONAL-VARIATI	(BEVATRON MAGNET CORE) DIMENSIONAL-VARIATIONS OF TRANSITION-TANK AND TANGENTIAL-BRACE (AT SOUTH END OF EAST TANGENT TANK AS OF OCTOBER 1962)	M3338

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

DIODE	DIODE CIRCUITS FOR NON-LINEAR SIMULATION UCID2073	M3234
DISC	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
DISCHARGE	GLOW DISCHARGE CLEANING-STUDY	M3015
DISPERSIVE-POWER	DISPERSIVE-POWER OF LIQUID HYDROGEN IN BUBBLE-CHAMBERS UCID2340	M3335
DISSOLVED	OPERATION OF MAGNA DISSOLVED OXYGEN (CONTENT) METER	M3124
DOCUMENTATION	ENGINEERING DOCUMENTATION SYSTEM (CONSIDERATIONS AND) CHECKLIST	M3163
DOME	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
DOOR	(BASEMENT SLIDING) STEEL DOOR, DESIGN CALCULATIONS	M3330
DOOR	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
DRAWING	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
DRAWINGS	CODE-NUMBERS FOR BEVATRON DRAWINGS AND ENGINEERING-NOTES	M3046
DRIFT-TUBE	(BEVATRON INJECTOR II) LINAC, DRIFT-TUBE (REMOVAL AND REPLACEMENT) PROCEDURE	M3400
DRIFT-TUBE	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
DRIFT-TUBE	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354
DRIFT-TUBE	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION) PRE-STRIPPER DRIFT-TUBE GRIP (TEMPERATURES)	M3068
DRIFT-TUBE	(4 1/2 PCT) DUTY-FACTOR (OPERATION) DRIFT-TUBE STEM AND SHELL COOLING (REQUIREMENTS)	M3069
DRIFT-TUBE	DRIFT-TUBE QUADRUPOLE MAGNETS (EFFECTIVE LENGTH AND NONLINEARITY)	M3043
DRIFT-TUBE	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351
DRIFT-TUBE	LINAC DRIFT-TUBE MAGNETS, (DRAWING AND JOB ORDER NUMBERS)	M3214
DRIFT-TUBES	(HEAVY ION ACCELERATOR, EXTRA) COOLING FOR HEADS AND HALF DRIFT-TUBES	M3395
DRIVE	CALCULATIONS FOR PERMANENT MAGNET (USED IN) DRIVE CAPSULE	M3392
DRIVE-SHAFT	(BEVATRON INJECTOR II) BEAM SCANNING-SLITS, DRIVE-SHAFT VIBRATION	M3005
DUTY	PRESTRIPPER TANK GRILL COOLING (REQUIREMENTS AT) 100 PER CENT DUTY CYCLE	M3409

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

DUTY-FACTOR	(HEAVY ION ACCELERATOR, 18 PCT) DUTY-FACTOR (OPERATION) HEATING CALCULATIONS (AND MECHANICAL ENGINEERING) COST-ESTIMATE	M3065
DUTY-FACTOR	(HEAVY ION ACCELERATOR, STUDIES FOR INCREASED) DUTY-FACTOR, STEEL SHIELDING (REQUIRED FOR 100 PCT FACTOR)	M3128
DUTY-FACTOR	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION AT 2-MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3066
DUTY-FACTOR	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION) PRE-STRIPPER DRIFT-TUBE GRIP (TEMPERATURES)	M3068
DUTY-FACTOR	(HILAC, 36 PCT. AND 100 PCT.) DUTY-FACTOR (OPERATION AT 1.3 MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3064
DUTY-FACTOR	(4 1/2 PCT) DUTY-FACTOR (OPERATION) DRIFT-TUBE STEM AND SHELL COOLING (REQUIREMENTS)	M3069
DUTY-FACTORS	(HEAVY ION ACCELERATOR, MECHANICAL ENGINEERING) ESTIMATE FOR MACHINE COOLING AND SHIELDING (AT VARIOUS) DUTY-FACTORS	M3070
EARTHQUAKE	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
EARTHQUAKE	EARTHQUAKE STABILITY CALCULATIONS FOR ELECTRICAL SUBSTATION (EQUIPMENT)	M3328
ECONOMY	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
EDDY	(ADVANCED ACCELERATOR) EDDY CURRENTS (IN A ROUND) CONDUCTOR (DUE TO AN EXTERNAL) MAGNETIC FIELD	M3358
ELECTRIC	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS	M3289A
ELECTRIC	VELOCITY SPECTROMETER ELECTRIC AND MAGNETIC FIELD (FORMULAE)	M3024
ELECTRICAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
ELECTRICAL	(SEMINAR ON) ELECTRICAL CONTACT DESIGN	M3169
ELECTRICAL	EARTHQUAKE STABILITY CALCULATIONS FOR ELECTRICAL SUBSTATION (EQUIPMENT)	M3328
ELECTRICAL	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

ELECTRICAL	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
ELECTRON-BEAM	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
EMBEDMENT	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
EMISSION ENCLOSURE	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM (ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3023 M3226
ENCLOSURE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244
ENCLOSURE	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
ENCLOSURE	(ADVANCED ACCELERATOR, INTERIM DISCUSSION,) MAGNET ENCLOSURE (GENERAL ARRANGEMENTS,)	M3320
ENCLOSURE	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
ENERGY	EXTERNAL BEAM MAGNETS, (FACTORS AFFECTING) ENERGY RESOLUTION	M3363
ENGINEERING	(ADVANCED ACCELERATOR) COST-ESTIMATES, INJECTOR, MECHANICAL HARDWARE AND ENGINEERING UCID2307	M3246
ENGINEERING	(ADVANCED ACCELERATOR) COST-ESTIMATES EXPERIMENTAL-AREA, MECHANICAL HARDWARE AND ENGINEERING	M3247
ENGINEERING	(TECHNICAL MEETING 12-11-63) CALCULATING RELIABILITY FOR ENGINEERING DEVICES	M3273
ENGINEERING	ASME DESIGN ENGINEERING (CONFERENCE AND SHOW, MAY 1964)	M3333
ENGINEERING	DESIGN ENGINEERING (CONFERENCE AND SHOW, CHICAGO, MAY 1964,) AMERICAN SOCIETY OF (MECHANICAL ENGINEERS.) UCID2267	M3332
ENGINEERING	ENGINEERING DOCUMENTATION SYSTEM (CONSIDERATIONS AND) CHECKLIST	M3163
ENGINEERING	ENGINEERING NOTE AND SPECIFICATION NUMBERING SYSTEM	M3228A
ENGINEERING	INDEX TO (BEVATRON) LINAC ENGINEERING NOTES	M3215
ENGINEERING-NOTE	ENGINEERING-NOTE AUTHORS GUIDE	M3374A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

ENGINEERING-NOTES	CODE-NUMBERS FOR BEVATRON DRAWINGS AND ENGINEERING-NOTES	M3046
ENGINEERING-WORK	ENGINEERING-WORK (ON THE ADVANCED ACCELERATOR) STUDY	M3216
EPOXY	(MEASUREMENT OF) VACUUM OUTGASSING OF SELF-EXTINGUISHING EPOXY (FORMULATIONS)	M3357A
EPOXY	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
EPOXY	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
EPOXY	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022
EPOXY	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826/FURANE D40 FORMULATION)	M347
EPOXY	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826 FURANE D40 FORMULATION)	M358
EPOXY	VACUUM IMPREGNATION OF MAGNET COILS WITH (LRL) EPOXY (FORMULATION NO. CT2E)	M360A
EQUATIONS	GOVERNING EQUATIONS FOR 5831 REGULATING-TUBE SHOCK-ABSORBER	M3001A
EQUIPMENT	(WORK PLANNED ON) VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1965)	M3385
EQUIPMENT	(30-INCH PROPANE CHAMBER, HYPERFRAGMENT EXPERIMENT) SAFETY OF EQUIPMENT AND INSTALLATION	M3282
EQUIPMENT ESTIMATE	VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1964) (HEAVY ION ACCELERATOR, MECHANICAL ENGINEERING) ESTIMATE FOR MACHINE COOLING AND SHIELDING (AT VARIOUS) DUTY-FACTORS	M3369 M3070
ESTIMATE	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION AT 2-MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3066
ESTIMATE	(HILAC, 36 PCT. AND 100 PCT.) DUTY-FACTOR (OPERATION AT 1.3 MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3064
ESTIMATE	(NEW) BUBBLE-CHAMBER BODY, COST (AND TIME) ESTIMATE	M3052
ESTIMATE	(18 X 60 H) MAGNET, DESIGN AND COST ESTIMATE UCID2129	M3275
ESTIMATE	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
ESTIMATES	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
ESTIMATING	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, ESTIMATING OF MAXIMUM PRESSURE UCID2150	M3281

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

ESTIMATING	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134
EVALUATION	(ADVANCED ACCELERATOR,) EVALUATION OF (PROPOSED) VACUUM PUMPING SYSTEMS UCID2128	M3269A
EVALUATION	(BEVATRON, EXTERNAL PROTON BEAM) BEARING EVALUATION TEST	M3082
EVALUATION	(WORK PLANNED ON) VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1965)	M3385
EVALUATION	HOSE EVALUATION FOR (FORE) VACUUM SERVICE UCID2335	M3162
EVALUATION	VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1964)	M3369
EVALUATION	VACUUM THERMOCOUPLE GAUGE TUBE EVALUATION	M3212A
EXAMINATION	EXAMINATION OF 30-TON A CRANE HOOK UCID2204	M3062
EXCITATION	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
EXPERIMENTAL-AREA	(ADVANCED ACCELERATOR) COST-ESTIMATES EXPERIMENTAL-AREA, MECHANICAL HARDWARE AND ENGINEERING	M3247
EXPERIMENTS	(MINUTES OF HYDROGEN SAFETY COMMITTEE, TENTATIVE SPECIFIC) INSTRUCTIONS FOR SMALL LIQUID HYDROGEN EXPERIMENTS (LOCATED IN CLOSED ROOMS)	M3188A
EXTENSION-TANK	VACUUM-ENVELOPE, BEAM-EXIT EXTENSION-TANK	M3287
EXTERNAL	EXTERNAL BEAM MAGNETS, (FACTORS AFFECTING) ENERGY RESOLUTION	M3363
EXTERNAL-PROTON-BEA	(BEVATRON) EXTERNAL-PROTON-BEAM COST-ESTIMATE (SUMMARY 1-1-64 PHASE IB AND II)	M3127B
FABRICATOR	(TECHNICAL) LIAISON (BETWEEN UCLRL MECHANICAL ENGINEERING DEPARTMENT AND) FABRICATOR UCID2151	M3045
FERRITE	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348
FERRITE	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381
FIELD	(ADVANCED ACCELERATOR) EDDY CURRENTS (IN A ROUND) CONDUCTOR (DUE TO AN EXTERNAL) MAGNETIC FIELD	M3358
FIELD	(AFFECT OF) SATURATION ON THE DESIGN OF GRADIENT FIELD MAGNETS	M3370
FIELD	(SUMMARY OF) MAGNETIC FIELD (DATA ON 18 X 36) HIGH-POWERED H MAGNETS	MT-184
FIELD	FIELD UNIFORMITY IN COIL-IN-GAP (TYPE) MAGNETS UCID1881	M3026
FIELD	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
FIELD	VELOCITY SPECTROMETER ELECTRIC AND MAGNETIC FIELD (FORMULAE)	M3024

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

FIELD-FREE	(RESULTS OF) FIELD-FREE LABORATORY CHILLER MODIFICATION	M3203
FIELD-MEASURING	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224
FIELDS	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
FILM	TECHNIQUE FOR (THIN) INORGANIC FILM (PRODUCTION AND MOUNTING)	M3105
FILM-TRANSPORT	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405
FILMS	(THIN, UNBACKED METAL AND OTHER) INORGANIC FILMS	M3107
FILMS	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
FILMS	PROCEDURE FOR THE PREPARATION OF CARBON FILMS (OF INTERMEDIATE THICKNESS)	M3106
FILMS	PRODUCTION OF THIN ORGANIC FILMS OF ZAPON NITROCELLULOSE	M3104
FILMSTRIP	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
FIRING	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
FISCHER	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, (MEETING WITH DR. E.) FISCHER FROM CERN	M3299
FIT	POLYNOMIAL LEAST-SQUARES FIT BY MATRICES	M3117
FITTINGS	CURRENT-CARRYING (CAPACITY OF SEVERAL UCLRL) TUBING FITTINGS	M3266
FIXTURE	BLOCK LIFTING FIXTURE ARMS, (ADAPTER AND 1 1/2 INCH DIAMETER PIN)	M3186
FIXTURE	CONCRETE BLOCK LIFTING FIXTURE STRESSES UCID2205	M3041
FIXTURE	MAGNET LIFTING FIXTURE CALCULATIONS	M3013
FLAMMABLE	SAFETY RULES FOR LOW-PRESSURE FLAMMABLE GAS TARGETS	M3265
FLASKS	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
FLIP-TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T LONG COIL WINDING INSTRUCTIONS	M3123A
FLIP-TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T SHORT COIL WINDING INSTRUCTIONS	M3136
FLIP-TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T STRAIGHT TO CURVED ASSEMBLY PROCEDURE	M3137
FLIP-TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
FLIP-TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

FLIP-TARGETS	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
FLOOR	MACHINE-INSTALLATION, REINFORCEMENT OF FLOOR (FOR ADDITIONAL LOADING)	M3051
FLOOR-LOADING	(FOUR-POINT VERSUS THREE-POINT) FLOOR-LOADING FOR TRAVELING MAGNET	M3056
FLOW	(A NEW TYPE) WATER FLOW SWITCH AND INDICATOR UCID2350	M3340
FLOW	(HILAC 100 PCT DUTY FACTOR OPERATION,) COOLING WATER FLOW REQUIREMENTS FOR TUNING LOOPS	M3097
FLOW	(SOME) CRITERIA FOR FLOW INTERLOCKS UCID2231	M3183
FLOW	(88-INCH CYCLOTRON, ONE-HALF INCH) WATER FLOW SWITCH	M3189
FLOW	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
FLOW	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351
FLOW	FLOW SWITCH DESIGN (UTILIZING) DIFFUSER (RECOVERY)	M3334
FLOW	FLOW SWITCH FOR (16-32-16-12INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
FLOW	ION SOURCE, NON-IONIZED GAS FLOW	M3039
FLOW	MOLECULAR FLOW (THROUGH HOT AND COLD) CONDUITS UCID2334	M3148
FLOW	THE DALL-TUBE FLOW INTERLOCK, (A FIRST LOOK)	M3098
FLOWSWITCH	(20 AND 40 GPM) FLOWSWITCH DESIGN	M3140A
FOCUSING	(CORRELATION OF) QUADRUPOLE FOCUSING MAGNET (CHARACTERISTICS)	M3371
FOCUSING	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
FOCUSING	FLOW SWITCH FOR (16-32-16-12INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
FOCUSING	FOCUSING MAGNETS (CENTER SECTION FOR 12" INCH APERTURE) QUADRUPOLE TRIPLET HERO	M359
FOCUSING	IRON-BOUND SOLENOIDS FOR BEAM FOCUSING	M3195
FOIL	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
FOIL	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
FOIL	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
FOIL	FOIL ROLLING-MILL DESIGN CALCULATIONS	M3218
FORCED	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

FORCES	(BEVATRON INJECTOR II) MAGNETIC FORCES ON IM-3 POWER CABLES	M3010
FORGINGS	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
FORMAT	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
FORMING	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
FORTRAN	(SUPPLEMENTARY NOTES TO) IBM FORTRAN PROGRAMMED-INSTRUCTION-COURSE	M3393-4
FORTRAN	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
FOUNDATION	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
FOUNDATION	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
FOUNDATIONS	(ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3226
FOUNDATIONS	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
FOUNDATIONS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
FOURIER	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
FRAME	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS	M3289A
FREON	(MODELING A) WATERFLOW ROTAMETER FOR LIQUID FREON (SERVICE)	M3096
FREQUENCIES	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
FREQUENCIES	DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3194
FREQUENCY	(ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M3229

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

FREQUENCY	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
FREQUENCY	(BEVATRON, MAGNET POWER SUPPLY) MOTOR-GENERATOR-SET NATURAL FREQUENCY CALCULATIONS	M3362A
FUNCTIONS	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
GAGE	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
GAGE	THE MAGNEHELIC DIFFERENTIAL PRESSURE GAGE	M3249
GAGES	RESPONSE OF THERMOCOUPLE AND ION VACUUM GAGES (TO GASES OTHER THAN AIR)	M3099
GAP	8-INCH GAP (AUXILIARY) MAGNET	M368
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T LONG COIL WINDING INSTRUCTIONS	M3123A
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T SHORT COIL WINDING INSTRUCTIONS	M3136
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T STRAIGHT TO CURVED ASSEMBLY PROCEDURE	M3137
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
GAP-MOUNTED	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139
GAS	(BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3221
GAS	(1-1/4-DIA.-X-3-1/8-LG.) HYDROGEN GAS TARGET OPERATING PROCEDURE	M3251
GAS	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
GAS	ION SOURCE, NON-IONIZED GAS FLOW	M3039
GAS	SAFETY RULES FOR LOW-PRESSURE FLAMMABLE GAS TARGETS	M3265
GASEOUS	ION SOURCE, GASEOUS HEAT-CONDUCTION	M3044
GASKET	(25-INCH) BUBBLE-CHAMBER, (DETERMINATION OF FINAL) GASKET, BEARING PAD, (DIMENSIONS)	M3101
GASKET	VACUUM TEST OF A PARKER JIG-O-SEAL GASKET UCID1890	M3035
GATE	(BEVATRON VACUUM ENVELOPE BEAM EXIT) DESIGN OF VACUUM GATE VALVE	M3272
GATE	(SPECIFICATION AND PROCUREMENT OF) STAINLESS-STEEL (HIGH) VACUUM GATE VALVES UCID2206	M3309
GAUGE	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

GAUGE	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
GAUGE	THERMOCOUPLE VACUUM GAUGE CALIBRATION PROCEDURE	M3210
GAUGE	VACUUM THERMOCOUPLE GAUGE TUBE EVALUATION	M3212A
GENERAL-ELECTRIC	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON, BROOKHAVEN, CAMBRIDGE, GENERAL-ELECTRIC (TRIP REPORT, JUNE 1964)	M3344
GENERAL-ELECTRIC-CO	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
GLASS	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
GLASS	HEATING AND COOLING (OF LARGE) OPTICAL GLASS PARTS UCID2347	M3386
GLASS	SPECTROMETER GLASS CATHODES	M351
GLASS	VELOCITY SPECTROMETERS (MARK VI) GLASS CATHODES	M363
GLASS	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
GLOW	GLOW DISCHARGE CLEANING-STUDY	M3015
GOVERNING	GOVERNING EQUATIONS FOR 5831 REGULATING-TUBE SHOCK-ABSORBER	M3001A
GRADIENT	(AFFECT OF) SATURATION ON THE DESIGN OF GRADIENT FIELD MAGNETS	M3370
GRID	(HEAVY ION ACCELERATOR, CW DRIVER,) TUBE AND GRID CONDENSER COOLING	M3141
GRID-LINES	FORTAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
GRILL	PRESTRIPPER TANK GRILL COOLING (REQUIREMENTS AT) 100 PER CENT DUTY CYCLE	M3409
GRIP	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION) PRE-STRIPPER DRIFT-TUBE GRIP (TEMPERATURES)	M3068
GROOVE	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
GROOVE	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
GROOVE	O-RING VACUUM SEALS, J (MORGRIP) GROOVE DESIGN	M3175A
H-FILM	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
H-9	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
H-9	WEATHERHEAD H-9 HOSE AND BARB (VARIATIONS TO ALLOW EASY ASSEMBLY AND) LEAK-TIGHTNESS	M3280

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

HALF	(HEAVY ION ACCELERATOR, EXTRA) COOLING FOR HEADS AND HALF DRIFT-TUBES	M3395
HALF-CELL	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
HANDLING	COATED OPTICS, HANDLING AND CLEANING OF	M3149
HARD-SOLDERING	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
HARDWARE	(ADVANCED ACCELERATOR) COST-ESTIMATES, INJECTOR, MECHANICAL HARDWARE AND ENGINEERING UCID2307	M3246
HARDWARE	(ADVANCED ACCELERATOR) COST-ESTIMATES EXPERIMENTAL-AREA, MECHANICAL HARDWARE AND ENGINEERING	M3247
HARDWARE	HOOK-SUSPENDED LIFTING HARDWARE (SHAPES OF AREAS IN CONTACT WITH HOOK)	M3115
HASTINGS	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
HEADS	(HEAVY ION ACCELERATOR, EXTRA) COOLING FOR HEADS AND HALF DRIFT-TUBES	M3395
HEADS	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
HEAT	(DEPENDENCE OF) RADIATION HEAT-TRANSFER ON HEAT SHIELD (SPACING)	M3034
HEAT	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
HEAT-CONDUCTION	ION SOURCE, GASEOUS HEAT-CONDUCTION	M3044
HEAT-TRANSFER	(COMPARISON OF SEVERAL) HEAT-TRANSFER CEMENTS	M3002
HEAT-TRANSFER	(DEPENDENCE OF) RADIATION HEAT-TRANSFER ON HEAT SHIELD (SPACING)	M3034
HEATED-SHEET	TEMPERATURE-DROP BETWEEN HEATED-SHEET AND COOLING-TUBE UCID2223	M3303
HEATER	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
HEATING	(HEAVY ION ACCELERATOR, 18 PCT) DUTY-FACTOR (OPERATION) HEATING CALCULATIONS (AND MECHANICAL ENGINEERING) COST-ESTIMATE	M3065
HEATING	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354
HEATING	HEATING AND COOLING (OF LARGE) OPTICAL GLASS PARTS UCID2347	M3386

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

HELIUM	LIQUID HYDROGEN, HELIUM, AND OXYGEN STORAGE	M3133
HELIUM	MAGNET STUDY FOR 8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3053
HELIUM	8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3014
HEMATITE	MAGNETITE OR HEMATITE HIGH-DENSITY (225 LBS/CF) CONCRETE SHIELDING-BLOCKS	M15B
HEMISPHERES	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
HEPPENSTAHL	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
HERO	FOCUSING MAGNETS (CENTER SECTION FOR 12-INCH APERTURE) QUADRUPOLE TRIPLET HERO	M359
HEXAFLUORIDE	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300 PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
HIGH-POWERED	(SUMMARY OF) MAGNETIC FIELD (DATA ON 18 X 36) HIGH-POWERED H MAGNETS	MT-184
HIGH-PRESSURE	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
HIGH-STRENGTH	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
HIGH-DENSITY	MAGNETITE OR HEMATITE HIGH-DENSITY (225 LBS/CF) CONCRETE SHIELDING-BLOCKS	M15B
HOIST	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS	M3289A
HOOK	EXAMINATION OF 30-TON A CRANE HOOK UCID2204	M3062
HOOK-SUSPENDED	HOOK-SUSPENDED LIFTING HARDWARE (SHAPES OF AREAS IN CONTACT WITH HOOK)	M3115
HOSE	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
HOSE	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
HOSE	(PREFERRED) MAGNET WATER HOSE (ASSEMBLY) UCID2331	M3047
HOSE	HOSE EVALUATION FOR (FORE) VACUUM SERVICE UCID2335	M3162
HOSE	WEATHERHEAD H-9 HOSE AND BARB (VARIATIONS TO ALLOW EASY ASSEMBLY AND) LEAK-TIGHTNESS	M3280
HOSE-CONNECTION	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
HOSES	APPRAISAL OF MAGNET WATER-COOLING HOSES	M3208
HOSES	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), COST-ESTIMATE (BASED ON 1/8 SIZE MODEL)	M3129
HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
HUMANS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (ADDITIONAL) PROPOSAL AND COST-ESTIMATE	M3323
HYDRAULIC HYDROGEN	(BEVATRON, EAST-INSIDE-SOUTH) HYDRAULIC CLIPPER PLUNGER (BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3036 M3221
HYDROGEN	(MINUTES OF HYDROGEN SAFETY COMMITTEE, TENTATIVE SPECIFIC) INSTRUCTIONS FOR SMALL LIQUID HYDROGEN EXPERIMENTS (LOCATED IN CLOSED ROOMS)	M3188A
HYDROGEN	(UNATTENDED) INDUSTRIAL-TYPE LIQUID HYDROGEN DEWAR UCID2156	M3206
HYDROGEN	(1-1/4-DIA.-X-3-1/8-LG.) HYDROGEN GAS TARGET OPERATING PROCEDURE	M3251
HYDROGEN	DISPERSIVE-POWER OF LIQUID HYDROGEN IN BUBBLE-CHAMBERS UCID2340	M3335
HYDROGEN	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
HYDROGEN	LIQUID HYDROGEN, HELIUM, AND OXYGEN STORAGE	M3133
HYDROGEN	SAFETY (ASPECTS OF THE) HYDROGEN SPARK-DISCHARGE-CHAMBER	MM3114
HYDROGEN	SAFETY-REQUIREMENTS FOR 25-INCH HYDROGEN AND 30-INCH PROPANE BUBBLE-CHAMBER (COMBINED) OPERATION (SPRING 1964) UCID2209	M3209
IBM	(SUPPLEMENTARY NOTES TO) IBM FORTRAN PROGRAMMED-INSTRUCTION-COURSE	M3393-4
IGNITRON	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
IGNITRON	PULSE-LINE IGNITRON TEMPERATURE CONTROL (SYSTEM, DESCRIPTION AND) OPERATING-INSTRUCTIONS	M3067
IM-3	(BEVATRON INJECTOR II) MAGNETIC FORCES ON IM-3 POWER CABLES	M3010

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

IM-3	(BEVATRON INJECTOR II, THE ALTERNATIVES SHOULD) INFLECTOR MAGNET COIL IM-3 BECOME INOPERATIVE	M3118A
IMPREGNATION	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826/FURANE D40 FORMULATION)	M347
IMPREGNATION	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826 FURANE D40 FORMULATION)	M358
IMPREGNATION	VACUUM IMPREGNATION OF MAGNET COILS WITH (LRL) EPOXY (FORMULATION NO. CT2E)	M360A
IMPROVEMENTS	(HEAVY ION ACCELERATOR) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3167B
IMPROVEMENTS	(HEAVY ION ACCELERATOR) PROPOSED IMPROVEMENTS, COST-ESTIMATES FOR TARGET-AREAS	M3262
IMPROVEMENTS	(184 INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3165B
IMPROVEMENTS	(184-INCH CYCLOTRON) PROPOSED IMPROVEMENTS, CENTER REGION STUDIES COST-ESTIMATES	M3300
IMPROVEMENTS	(184-INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS, (FY 1966 PRELIMINARY)	M3314
IMPROVEMENTS	(184-INCH CYCLOTRON, FY 1965) PROPOSED ACCELERATOR IMPROVEMENTS (PRELIMINARY)	M3313
IMPROVEMENTS	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET-SUBMISSION (FY 1966)	M3298
IMPROVEMENTS	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, (PROPOSED REVISED) BUDGET (FOR FY 65) UCID2227	M3312
IMPROVEMENTS	(88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET SUBMISSION (FY 66.) UCID2226	M3311
IMPROVEMENTS	(88-INCH CYCLOTRON,) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964) UCID2229	M3166C
IMPULSE	MAGNET COIL IMPULSE TESTING	M3191
INDEX	INDEX TO (BEVATRON) LINAC ENGINEERING NOTES	M3215
INDICATOR	(A NEW TYPE) WATER FLOW SWITCH AND INDICATOR UCID2350	M3340
INDICATOR	(THE STUDY OF) MAGNETO-OPTICS (AS APPLIED TO A) QUADRUPOLE MAGNET CENTER INDICATOR	M3329
INDUCTANCE	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261
INDUSTRIAL-TYPE	(UNATTENDED) INDUSTRIAL-TYPE LIQUID HYDROGEN DEWARS UCID2156	M3206
INFLECTOR	(BEVATRON INJECTOR II, THE ALTERNATIVES SHOULD) INFLECTOR MAGNET COIL IM-3 BECOME INOPERATIVE	M3118A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

INFORMATION	A TECHNICAL INFORMATION SYSTEM AND CURRENT-AWARENESS (MINNESOTA MINING AND MFG. CO.) MICROFORUM, (DECEMBER 6, 1963.)	M3253
INHOMOGENEOUS INJECTED	INHOMOGENEOUS DEFLECTING MAGNET CALCULATIONS (BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M 2 MAGNET	M3121 M3132
INJECTED	(BEVATRON INJECTOR II, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131
INJECTION	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
INJECTOR	(ADVANCED ACCELERATOR) COST-ESTIMATES, INJECTOR, MECHANICAL HARDWARE AND ENGINEERING UCID2307	M3246
INJECTOR	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
INJECTOR INOPERATIVE	(BEVATRON) INJECTOR II BUNCHER (BEVATRON INJECTOR II, THE ALTERNATIVES SHOULD) INFLECTOR MAGNET COIL IM-3 BECOME INOPERATIVE	M3074 M3118A
INORGANIC INORGANIC	(THIN, UNBACKED METAL AND OTHER) INORGANIC FILMS TECHNIQUE FOR (THIN) INORGANIC FILM (PRODUCTION AND MOUNTING)	M3107 M3105
INORGANIC-MATERIALS	INORGANIC-MATERIALS-RESEARCH, MECHANICAL-ENGINEERING, ASSISTANCE STATUS REPORT I	M3274
INSPECTION INSTALLATION	NON-DESTRUCTIVE TESTING, MAGNETIC PARTICLE INSPECTION (CASCADE ISOTOPE-SEPARATOR) INSTALLATION (IN BUILDING 70, GENERAL PROBLEM STATEMENT)	M352 M3090
INSTALLATION	(CASCADE ISOTOPE-SEPARATOR,) INSTALLATION (BUILDING 70, WEIGHT OF ENTIRE PROJECT)	M3182
INSTALLATION	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373
INSTALLATION	(30-INCH PROPANE CHAMBER, HYPERFRAGMENT EXPERIMENT) SAFETY OF EQUIPMENT AND INSTALLATION	M3282
INSTALLING	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
INSTRUCTION INSTRUCTIONS	(BEVATRON) MG NO. 6 BEARING LUBRICATION INSTRUCTION (BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T LONG COIL WINDING INSTRUCTIONS	M3080 M3123A
INSTRUCTIONS	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T SHORT COIL WINDING INSTRUCTIONS	M3136

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

INSTRUCTIONS	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139
INSTRUCTIONS	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600 PSI NITROGEN CERENKOV COUNTER	M3004
INSTRUCTIONS	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300 PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
INSTRUCTIONS	(MINUTES OF HYDROGEN SAFETY COMMITTEE, TENTATIVE SPECIFIC) INSTRUCTIONS FOR SMALL LIQUID HYDROGEN EXPERIMENTS (LOCATED IN CLOSED ROOMS)	M3188A
INSTRUCTIONS	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
INSTRUMENT	INSTRUMENT PACKAGE USING STEEL VESSEL (PRELIMINARY) INVESTIGATION	M3021
INSULATING	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
INTERLOCK	THE DALL-TUBE FLOW INTERLOCK, (A FIRST LOOK)	M3098
INTERLOCKING	INTERLOCKING FOR SPARK-CHAMBER POWER-SUPPLIES UCID1935	M3085
INTERLOCKS	(SOME) CRITERIA FOR FLOW INTERLOCKS UCID2231	M3183
INTERNAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
INVESTIGATION	INSTRUMENT PACKAGE USING STEEL VESSEL (PRELIMINARY) INVESTIGATION	M3021
INVESTIGATION	INVESTIGATION OF PERMATEX NUMBER 2 SEALING-COMPOUND AS VACUUM SEAL	M3359
INVESTIGATION	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
ION	(BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M 2 MAGNET	M3132
ION	(CASCADE ISOTOPE-SEPARATOR, REYNOLDS) ION SOURCE PROBE MANIPULATION MECHANISM	M3153
ION	ION SOURCE, GASEOUS HEAT-CONDUCTION	M3044
ION	ION SOURCE, NON-IONIZED GAS FLOW	M3039
ION	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM	M3023
ION	ION VACUUM PUMP (CHARACTERISTICS) UCID2183	M3305
ION	RESPONSE OF THERMOCOUPLE AND ION VACUUM GAGES (TO GASES OTHER THAN AIR)	M3099

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

IRIS	CONSTRUCTION (AND CHARACTERISTICS OF) SOLENOID MAGNET IRIS (5 IN. ID, 20 KG)	M3387
IRON-BOUND IRRADIATED	IRON-BOUND SOLENOIDS FOR BEAM FOCUSING (BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3195 M3372
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), COST-ESTIMATE (BASED ON 1/8 SIZE MODEL)	M3129
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
IRRADIATION	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (ADDITIONAL) PROPOSAL AND COST-ESTIMATE	M3323
ISOLATION	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
ISOLATION	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
JIG-O-SEAL	VACUUM TEST OF A PARKER JIG-O-SEAL GASKET UCID1890	M3035
JULIUS	COST-ESTIMATE FOR REPLACING THE RAILS OF THE JULIUS MAGNET	M3161
KLIXON	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
KLIXON	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
LABORATORIES	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178
LABORATORY	(PORTABLE) BIOLOGICAL LABORATORY TRUCK CHASSIS	M349B
LABORATORY	(PORTABLE) BIOLOGICAL LABORATORY VAN BODY	M350B
LABORATORY	(RESULTS OF) FIELD-FREE LABORATORY CHILLER MODIFICATION	M3203
LABORATORY	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373
LAMINATED	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
LAMINATION	(AUXILIARY) MAGNET (M4,) DESIGN OF YOKE LAMINATION BOLTS UCID2333	M3103

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

LATERAL	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
LATERAL	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
LAYOUTS	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
LEAD	A DEVICE (FOR RAPID AND THOROUGH) CHECKING OF LEAD SCREWS. UCID2362	M3408
LEAK-TIGHTNESS	WEATHERHEAD H-9 HOSE AND BARB (VARIATIONS TO ALLOW EASY ASSEMBLY AND) LEAK-TIGHTNESS	M3280
LEAKS	(88-INCH CYCLOTRON) DEE TANK (HISTORY OF REPAIRS TO) LEAKS IN MAIN VACUUM SEAL UCID2220	M3285
LEANDER	(AUXILIARY) BENDING MAGNET LEANDER	M341C
LEAST-SQUARES	LEAST-SQUARES TECHNIQUE USING MATRICES	M3109
LEAST-SQUARES	POLYNOMIAL LEAST-SQUARES FIT BY MATRICES	M3117
LIAISON	(TECHNICAL) LIAISON (BETWEEN UCLRL MECHANICAL ENGINEERING DEPARTMENT AND) FABRICATOR UCID2151	M3045
LIFTING	BLOCK LIFTING FIXTURE ARMS, (ADAPTER AND 1 1/2 INCH DIAMETER PIN)	M3186
LIFTING	CONCRETE BLOCK LIFTING FIXTURE STRESSES UCID2205	M3041
LIFTING	HOOK-SUSPENDED LIFTING HARDWARE (SHAPES OF AREAS IN CONTACT WITH HOOK)	M3115
LIFTING	MAGNET LIFTING FIXTURE CALCULATIONS	M3013
LIFTING-FRAME	(12QB AUXILIARY) MAGNETS, (SPECIAL) LIFTING-FRAME (FOR USE IN) ASSEMBLY-BUILDING	M3220A
LINAC	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
LINAC	(BEVATRON INJECTOR II) LINAC, DRIFT-TUBE (REMOVAL AND REPLACEMENT) PROCEDURE	M3400
LINAC	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
LINAC	(BEVATRON) LINAC SUPPORT-STANDS, STRESS ANALYSIS	M3116
LINAC	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351
LINAC	INDEX TO (BEVATRON) LINAC ENGINEERING NOTES	M3215
LINAC	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A
LINAC	LINAC DRIFT-TUBE MAGNETS, (DRAWING AND JOB ORDER NUMBERS)	M3214

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

LIQUID	(MINUTES OF HYDROGEN SAFETY COMMITTEE, TENTATIVE SPECIFIC) INSTRUCTIONS FOR SMALL LIQUID HYDROGEN EXPERIMENTS (LOCATED IN CLOSED ROOMS)	M3188A
LIQUID	(MODELING A) WATERFLOW ROTAMETER FOR LIQUID FREON (SERVICE)	M3096
LIQUID	(UNATTENDED) INDUSTRIAL-TYPE LIQUID HYDROGEN DEWARS UCID2156	M3206
LIQUID	DISPERSIVE-POWER OF LIQUID HYDROGEN IN BUBBLE-CHAMBERS UCID2340	M3335
LIQUID	LIQUID DEUTERIUM TARGET FOR ARGONNE UCID2352	M3402
LIQUID	LIQUID HYDROGEN, HELIUM, AND OXYGEN STORAGE	M3133
LIQUID	LIQUID NITROGEN LEVEL CONTROL SYSTEM	M3050
LIQUID	MAGNET STUDY FOR 8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3053
LIQUID	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111
LIQUID	8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3014
LOAD-FACTOR	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CENT LOAD-FACTOR, COST-ESTIMATE (FOR FIRST STAGE OF CONSTRUCTION)	M3376
LOAD-FACTOR	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CNT LOAD-FACTOR, COST-ESTIMATE	M3375
LOCATION	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, TOLERANCE ON COIL LOCATION UCID2141	M3211
LOCK	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
LOGARITHMIC	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
LOOPS	(HILAC 100 PCT DUTY FACTOR OPERATION,) COOLING WATER FLOW REQUIREMENTS FOR TUNING LOOPS	M3097
LOW-CONDUCTIVITY	(RECOMMENDED CHANGES TO) LOW-CONDUCTIVITY WATER SYSTEMS (TO ACCOMODATE NEW LOADS.)	M3192
LOW-CONDUCTIVITY	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
LOW-POWER	LOW-POWER 8-INCH QUADRUPOLE MAGNETS POLE-TIP (PHYSICAL) REALIGNMENT	M3048
LOW-PRESSURE	SAFETY RULES FOR LOW-PRESSURE FLAMMABLE GAS TARGETS	M3265
LOWERING	(BEVATRON INJECTORII, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

LUBRICATION	(BEVATRON) MG NO. 6 BEARING LUBRICATION INSTRUCTION	M3080
MACHINE	(HEAVY ION ACCELERATOR, MECHANICAL ENGINEERING) ESTIMATE FOR MACHINE COOLING AND SHIELDING (AT VARIOUS) DUTY-FACTORS	M3070
MACHINE	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
MACHINE	DIAZO PRINT MACHINE	M354
MACHINE-COMPONENTS	VISIBILITY OF MACHINE-COMPONENTS	M3049
MACHINE-INSTALLATIO	MACHINE-INSTALLATION, REINFORCEMENT OF FLOOR (FOR ADDITIONAL LOADING)	M3051
MACHINE-INSTALLATIO	MACHINE-INSTALLATION, COST-ESTIMATE OF BUILDING-MODIFICATION	M3058
MAGNA	OPERATION OF MAGNA DISSOLVED OXYGEN (CONTENT) METER	M3124
MAGNEHELIC	THE MAGNEHELIC DIFFERENTIAL PRESSURE GAGE	M3249
MAGNET	(ADVANCED ACCELERATOR, A POSSIBLE) MAGNET ALIGNMENT SYSTEM (AND ITS IMPLICATIONS UCID2018)	M3200
MAGNET	(ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3226
MAGNET	(ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M3229
MAGNET	(ADVANCED ACCELERATOR) MAGNET RING SUPPORT BEAMS (220 FT LONG, A METHOD OF SUPPORTING THE BEAM AND ESTIMATES OF DEFLECTIONS) UCID2139	M3230
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET (JANUARY 1964) COST-STUDY (CASES H2 AND H6)	M3238
MAGNET	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
MAGNET	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
MAGNET	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORTS, CROSS-SECTION PARAMETERS FOR BEAMS (8 FT TO 15 FT DEEP)	M3242

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (LIST OF REQUIRED) DESIGN PARAMETERS	M3257
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261
MAGNET	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, TOLERANCES (ON MAGNET UNIT)	M3259
MAGNET	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (THE ADVANTAGE OF CENTERING BEAM IN) TUNNEL, (WITH THREE EXAMPLES)	M3270
MAGNET	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
MAGNET	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
MAGNET	(ADVANCED ACCELERATOR, INTERIM DISCUSSION,) MAGNET SUPPORT STRUCTURE (CONSIDERATIONS,)	M3319
MAGNET	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
MAGNET	(ADVANCED ACCELERATOR, INTERIM DISCUSSION,) MAGNET ENCLOSURE (GENERAL ARRANGEMENTS,)	M3320
MAGNET	(ADVANCED ACCELERATOR,) REDUCING STRESS-VARIATION IN MAIN-RING MAGNET CORES (WITH LEGS AT ENDS.)	M3326
MAGNET	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
MAGNET	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON MAGNET PARAMETER STUDY, JUNE 1964	M3390
MAGNET	(AUXILIARY MAGNETS TO EXTERNAL PROTON BEAM M-5) MAGNET DESIGN CALCULATIONS	M3177A
MAGNET	(AUXILIARY) BENDING MAGNET LEANDER	M341C
MAGNET	(AUXILIARY) MAGNET (M-6)	M364
MAGNET	(AUXILIARY) MAGNET (M-3V,) DESIGN CALCULATIONS	M3094

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAGNET	(AUXILIARY) MAGNET (M4,) DESIGN OF YOKE LAMINATION BOLTS UCID2333	M3103
MAGNET	(BEVATRON INJECTOR II, THE ALTERNATIVES SHOULD) INFLECTOR MAGNET COIL IM-3 BECOME INOPERATIVE	M3118A
MAGNET	(BEVATRON INJECTOR II, INFLECTOR) CALCULATIONS (INVOLVING THE) VERTICAL ADJUSTMENT OF THE INJECTED ION BEAM AT I-M 2 MAGNET	M3132
MAGNET	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
MAGNET	(BEVATRON) MAGNET CORE SURVEY COMPUTER PROGRAM	M3286
MAGNET	(CORRELATION OF) QUADRUPOLE FOCUSING MAGNET (CHARACTERISTICS)	M3371
MAGNET	(EXTERNAL BEAM) DEFLECTION MAGNET POLARITY UCID2337	M3327
MAGNET	(FOUR-POINT VERSUS THREE-POINT) FLOOR-LOADING FOR TRAVELING MAGNET	M3056
MAGNET	(M-4) MAGNET VACUUM BEAM-TUBE STUDY	M3016
MAGNET	(M-5 AUXILIARY) MAGNET COIL	M362A
MAGNET	(M-6) MAGNET DESIGN CALCULATIONS UCID2336	M3176A
MAGNET	(PREFERRED) MAGNET WATER HOSE (ASSEMBLY) UCID2331	M3047
MAGNET	(THE STUDY OF) MAGNETO-OPTICS (AS APPLIED TO A) QUADRUPOLE MAGNET CENTER INDICATOR	M3329
MAGNET	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
MAGNET	(18 X 60 H) MAGNET, DESIGN AND COST ESTIMATE UCID2129	M3275
MAGNET	(18 X 60, 8° INCH GAP) H MAGNET	M353
MAGNET	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
MAGNET	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224
MAGNET	(8 AND 12-INCH TYPE) QB QUADRUPOLE MAGNET COIL (ASSEMBLIES)	M3488
MAGNET	(8QB AND 12QB) QUADRUPOLE MAGNET COST (COMPARISON)	M3349
MAGNET	(88 INCH CYCLOTRON, NEW) MAGNET POWER SUPPLIES, COOLING UCID2224	M3250
MAGNET	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
MAGNET	APPRAISAL OF MAGNET WATER-COOLING HOSES	M3208

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAGNET	BENDING MAGNET DESIGN CALCULATIONS UCID2228	M3316
MAGNET	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
MAGNET	BRUTUS STEERING MAGNET. COST (SUMMARY)	M3025
MAGNET	CALCULATIONS FOR PERMANENT MAGNET (USED IN) DRIVE CAPSULE	M3392
MAGNET	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
MAGNET	CONSTRUCTION (AND CHARACTERISTICS OF) SOLENOID MAGNET IRIS (5 IN. ID, 20 KG)	M3387
MAGNET	COST-ESTIMATE FOR REPLACING THE RAILS OF THE JULIUS MAGNET	M3161
MAGNET	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256
MAGNET	FLOW SWITCH FOR (16-32-16-12 INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
MAGNET	INHOMOGENEOUS DEFLECTING MAGNET CALCULATIONS	M3121
MAGNET	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
MAGNET	MAGNET COIL IMPULSE TESTING	M3191
MAGNET	MAGNET COST (GRAPHS) UCID2338	M3382
MAGNET	MAGNET LIFTING FIXTURE CALCULATIONS	M3013
MAGNET	MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3020
MAGNET	MAGNET STUDY FOR 8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3053
MAGNET	POWER SUPPLY FOR SUPERCONDUCTING MAGNET	M369
MAGNET	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022
MAGNET	PULSED BENDING MAGNET	M367A
MAGNET	STEERING MAGNET III UCID2332	M3057
MAGNET	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826/FURANE D40 FORMULATION)	M347
MAGNET	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826 FURANE D40 FORMULATION)	M358
MAGNET	VACUUM IMPREGNATION OF MAGNET COILS WITH (LRL) EPOXY (FORMULATION NO. CT2E)	M360A
MAGNET	VELOCITY SPECTROMETERS, (MARK V 4 INCHES X 12 INCHES) 10-FOOT MAGNET	M3102
MAGNET	8-INCH GAP (AUXILIARY) MAGNET	M368
MAGNETIC	(ADVANCED ACCELERATOR) EDDY CURRENTS (IN A ROUND) CONDUCTOR (DUE TO AN EXTERNAL) MAGNETIC FIELD	M3358

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAGNETIC	(BEVATRON INJECTOR II) MAGNETIC FORCES ON IM-3 POWER CABLES	M3010
MAGNETIC	(SUMMARY OF) MAGNETIC FIELD (DATA ON 18 X 36) HIGH-POWERED H MAGNETS	MT-184
MAGNETIC	NON-DESTRUCTIVE TESTING, MAGNETIC PARTICLE INSPECTION	M352
MAGNETIC	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
MAGNETIC	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
MAGNETIC	VELOCITY SPECTROMETER ELECTRIC AND MAGNETIC FIELD (FORMULAE)	M3024
MAGNETITE	MAGNETITE OR HEMATITE HIGH ^o DENSITY (225 LBS/CF) CONCRETE SHIELDING ^o BLOCKS	M15B
MAGNETO-OPTICS	(THE STUDY OF) MAGNETO-OPTICS (AS APPLIED TO A) QUADRUPOLE MAGNET CENTER INDICATOR	M3329
MAGNETS	(ADVANCED ACCELERATOR) NORMAL C MAGNETS AND CONFORMAL H MAGNETS FOR MAIN-RING	M365
MAGNETS	(ADVANCED ACCELERATOR) NORMAL C MAGNETS AND CONFORMAL H MAGNETS FOR MAIN-RING	M365
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY SURVEY OF) DESIGN PROBLEMS UCID2145	M3154
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR FLAT) COILS (WITH RECTANGULAR SECTION) UCID2146	M3155
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR) SADDLE COILS (WITH RECTANGULAR SECTION) UCID2147	M3156
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY COMPARISON OF) NORMAL H AND CONFORMAL MAGNETS UCID2143	M3181
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY COMPARISON OF) NORMAL H AND CONFORMAL MAGNETS UCID2143	M3181
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, TOLERANCE ON COIL LOCATION UCID2141	M3211
MAGNETS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS (PRELIMINARY) COST-ESTIMATE OF CORRECTING (MAGNETS)	M3248
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CURRENT-DENSITY IN CONFORMAL MAGNETS	M3254
MAGNETS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CURRENT-DENSITY IN CONFORMAL MAGNETS	M3254
MAGNETS	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
MAGNETS	(AFFECT OF) SATURATION ON THE DESIGN OF GRADIENT FIELD MAGNETS	M3370
MAGNETS	(BEVATRON INJECTOR II, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131
MAGNETS	(SUMMARY OF) MAGNETIC FIELD (DATA ON 18 X 36) HIGH-POWERED H MAGNETS	MT-184
MAGNETS	(12QB AUXILIARY) MAGNETS, (SPECIAL) LIFTING-FRAME (FOR USE IN) ASSEMBLY-BUILDING	M3220A
MAGNETS	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
MAGNETS	(8 AND 12-INCH, TYPE QB) QUADRUPOLE MAGNETS, (FINAL) ASSEMBLIES	M3061
MAGNETS	COST OF MAGNETS (DECEMBER 1962 - DECEMBER 1963) UCID 2341	M3383
MAGNETS	COST OF SUPERCONDUCTING MAGNETS	M3018
MAGNETS	DRIFT-TUBE QUADRUPOLE MAGNETS (EFFECTIVE LENGTH AND NONLINEARITY)	M3043
MAGNETS	EXTERNAL BEAM MAGNETS, (FACTORS AFFECTING) ENERGY RESOLUTION	M3363
MAGNETS	FIELD UNIFORMITY IN COIL-IN-GAP (TYPE) MAGNETS UCID1881	M3026
MAGNETS	FOCUSING MAGNETS (CENTER SECTION FOR 12" INCH APERTURE) QUADRUPOLE TRIPLET HERO	M359
MAGNETS	LINAC DRIFT-TUBE MAGNETS, (DRAWING AND JOB ORDER NUMBERS)	M3214
MAGNETS	LOW-POWER 8-INCH QUADRUPOLE MAGNETS POLE-TIP (PHYSICAL) REALIGNMENT	M3048
MAGNETS	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
MAGNETS	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
MAIN-MAGNET-RING	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAIN-MAGNET-RING	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
MAIN-MAGNET-RING	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
MAIN-RING	(ADVANCED ACCELERATOR) NORMAL C MAGNETS AND CONFORMAL H MAGNETS FOR MAIN-RING	M365
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY SURVEY OF) DESIGN PROBLEMS UCID2145	M3154
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR) SADDLE COILS (WITH RECTANGULAR SECTION) UCID2147	M3156
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR FLAT) COILS (WITH RECTANGULAR SECTION) UCID2146	M3155
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY COMPARISON OF) NORMAL H AND CONFORMAL MAGNETS UCID2143	M3181
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, TOLERANCE ON COIL LOCATION UCID2141	M3211
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET (JANUARY 1964) COST-STUDY (CASES H2 AND H6)	M3238
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORTS, CROSS-SECTION PARAMETERS FOR BEAMS (8 FT TO 15 FT DEEP)	M3242
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS (PRELIMINARY) COST-ESTIMATE OF CORRECTING (MAGNETS)	M3248
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CURRENT-DENSITY IN CONFORMAL MAGNETS	M3254
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (LIST OF REQUIRED) DESIGN PARAMETERS	M3257
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, TOLERANCES (ON MAGNET UNIT)	M3259
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (APPROXIMATE) INDUCTANCE CALCULATION (FOR A MODIFIED) CONFORMAL H MAGNET	M3261

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MAIN-RING	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (THE ADVANTAGE OF CENTERING BEAM IN) TUNNEL, (WITH THREE EXAMPLES)	M3270
MAIN-RING	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
MAIN-RING	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
MAIN-RING	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
MAIN-RING	(ADVANCED ACCELERATOR,) REDUCING STRESS-VARIATION IN MAIN-RING MAGNET CORES (WITH LEGS AT ENDS.)	M3326
MAIN-RING	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
MAIN-RING	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134
MAIN-RING	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
MAINTENANCE	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A
MAINTENANCE	MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3020
MANIPULATION	(CASCADE ISOTOPE-SEPARATOR, REYNOLDS) ION SOURCE PROBE MANIPULATION MECHANISM	M3153
MATERIAL	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A
MATERIALS	(ADVANCED ACCELERATOR,) MAIN VACUUM-SYSTEM, (COMPARATIVE STUDY OF) CHAMBER MATERIALS	M3227
MATRICES	LEAST-SQUARES TECHNIQUE USING MATRICES	M3109
MATRICES	POLYNOMIAL LEAST-SQUARES FIT BY MATRICES	M3117
MCLEOD	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
MEASUREMENT	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MEASUREMENT	MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3342
MEASURING-DEVICE	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213
MEASURING-PROJECTOR	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405
MECHANICAL	(ADVANCED ACCELERATOR) COST-ESTIMATES, INJECTOR, MECHANICAL HARDWARE AND ENGINEERING UCID2307	M3246
MECHANICAL	(ADVANCED ACCELERATOR) COST-ESTIMATES EXPERIMENTAL-AREA, MECHANICAL HARDWARE AND ENGINEERING	M3247
MECHANICAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
MECHANICAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
MECHANICAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
MECHANICAL	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, A MECHANICAL TUNING SYSTEM FOR A CAVITY (TO BE TUNED FROM 50 MC TO 100 MC)	M3339
MECHANICAL-ENGINEER	INORGANIC-MATERIALS-RESEARCH, MECHANICAL-ENGINEERING, ASSISTANCE STATUS REPORT I	M3274
MECHANISM	(CASCADE ISOTOPE-SEPARATOR, REYNOLDS) ION SOURCE PROBE MANIPULATION MECHANISM	M3153
MEMBRANE	ANALYSIS (OF LONG RECTANGULAR) MEMBRANE VACUUM-JACKET WINDOWS	M3187
METALS	(CONFERENCE OF) AMERICAN SOCIETY FOR METALS, (LOS ANGELES, MARCH 16 TO 19, 1964)	M3288
METER	OPERATION OF MAGNA DISSOLVED OXYGEN (CONTENT) METER	M3124
METHANE	(2000 P S I) METHANE COUNTER, OPERATION CHECK-LIST AND PROCEDURE	M3151A
MG	(BEVATRON) MG NO. 6 BEARING LUBRICATION INSTRUCTION	M3080
MG	(REDUCTION OF) VIBRATION (CAUSED BY) MG SET	M3028
MICROFILM	MICROFILMING (STATE OF THE ART) NATIONAL MICROFILM ASSOCIATION (MEETING, SAN FRANCISCO, APRIL 30 TO MAY 2, 1963)	M3184
MICROFILMING	MICROFILMING (STATE OF THE ART) NATIONAL MICROFILM ASSOCIATION (MEETING, SAN FRANCISCO, APRIL 30 TO MAY 2, 1963)	M3184

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

MICROFORUM	A TECHNICAL INFORMATION SYSTEM AND CURRENT-AWARENESS (MINNESOTA MINING AND MFG. CO.) MICROFORUM, (DECEMBER 6, 1963.)	M3253
MODIFICATION	(RESULTS OF) FIELD-FREE LABORATORY CHILLER MODIFICATION	M3203
MOLECULAR	MOLECULAR FLOW (THROUGH HOT AND COLD) CONDUITS UCID2334	M3148
MOLECULAR-BEAM	MOLECULAR-BEAM REACTION-CHAMBER, COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3318
MOLECULAR-BEAM	MOLECULAR-BEAM REACTION-CHAMBER, (REVISED) COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3404
MOMENTS	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
MONITORING	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
MOST-FAVORABLE	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111
MOTOR-GENERATOR-SET	(BEVATRON, MAGNET POWER SUPPLY) MOTOR-GENERATOR-SET NATURAL FREQUENCY CALCULATIONS	M3362A
MOUNTS	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
MOVABLE	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
MOVEMENT	(18 INCH X 36 INCH LP) MAGNET, CROSSOVER BUNDLE COIL MOVEMENT VS. EXCITATION	M3198
MULTI-COORDINATE	(A MINIATURE) POSITIONING-UNIT FOR STABLE, MULTI-COORDINATE (APPLICATIONS) UCID2353	M3403
MULTI-ORIFICES	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
MULTIPULSING	(25-INCH HYDROGEN) BUBBLE-CHAMBER, MULTIPULSING TEST (DURING ENGINEERING RUN,) UCID2157	M3290
MYLAR	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
MYLAR	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
NATIONAL	MICROFILMING (STATE OF THE ART) NATIONAL MICROFILM ASSOCIATION (MEETING, SAN FRANCISCO, APRIL 30 TO MAY 2, 1963)	M3184

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

NATURAL	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
NATURAL	(BEVATRON, MAGNET POWER SUPPLY) MOTOR-GENERATOR-SET NATURAL FREQUENCY CALCULATIONS	M3362A
NATURAL	DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3194
NEON	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
NEON	CHAMBER PRESSURIZATION WITH NEON AND SULFUR-DIOXIDE	M3278
NITROCELLULOSE	PRODUCTION OF THIN ORGANIC FILMS OF ZAPON NITROCELLULOSE	M3104
NITROGEN	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600 PSI NITROGEN CERENKOV COUNTER	M3004
NITROGEN	LIQUID NITROGEN LEVEL CONTROL SYSTEM	M3050
NITROGEN	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
NON-DESTRUCTIVE	NON-DESTRUCTIVE TESTING, MAGNETIC PARTICLE INSPECTION	M352
NON-IONIZED	ION SOURCE, NON-IONIZED GAS FLOW	M3039
NON-LINEAR	DIODE CIRCUITS FOR NON-LINEAR SIMULATION UCID2073	M3234
NORMAL	(ADVANCED ACCELERATOR) NORMAL C MAGNETS AND CONFORMAL H MAGNETS FOR MAIN-RING	M365
NORMAL	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, (PRELIMINARY COMPARISON OF) NORMAL H AND CONFORMAL MAGNETS UCID2143	M3181
NUCLEAR	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
NUMBERING	(184-INCH CYCLOTRON) SHIELDING BLOCKS, REVISED NUMBERING SYSTEM	M3325
NUMBERING	ENGINEERING NOTE AND SPECIFICATION NUMBERING SYSTEM	M3228A
O-RING	O-RING VACUUM SEALS, J (MORGRIP) GROOVE DESIGN	M3175A
O-RINGS	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
OFHC	RADIO-FREQUENCY RESISTIVITY OF (ROUGH) OFHC COPPER AT 140 MC	M3366
OIL	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
OIL	MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3342
OPERATING	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139
OPERATING	(BEVATRON, LOFGREN EXPERIMENT, MARCH 1963) OPERATING INSTRUCTIONS AND CHECK-LIST 600 PSI NITROGEN CERENKOV COUNTER	M3004

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

OPERATING	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300-PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
OPERATING	(1-1/4-DIA.-X-3-1/8-LG.) HYDROGEN GAS TARGET OPERATING PROCEDURE	M3251
OPERATING	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
OPERATING	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
OPERATING-INSTRUCTI	PULSE-LINE IGNITRON TEMPERATURE CONTROL (SYSTEM, DESCRIPTION AND) OPERATING-INSTRUCTIONS	M3067
OPERATION	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
OPERATION	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
OPERATION	(BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3221
OPERATION	(2000 P S I) METHANE COUNTER, OPERATION CHECK-LIST AND PROCEDURE	M3151A
OPERATION	OPERATION OF MAGNA DISSOLVED OXYGEN (CONTENT) METER	M3124
OPERATION	SAFETY-REQUIREMENTS FOR 25-INCH HYDROGEN AND 30-INCH PROPANE BUBBLE-CHAMBER (COMBINED) OPERATION (SPRING 1964) UCID2209	M3209
OPERATION	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
OPTICAL	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
OPTICAL	HEATING AND COOLING (OF LARGE) OPTICAL GLASS PARTS UCID2347	M3386
OPTICAL	OPTICAL BENCH RIGIDITY	M3152
OPTICAL	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL SYSTEM	M3231
OPTICAL-SYSTEM	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL-SYSTEM	M3029
OPTICS	COATED OPTICS, HANDLING AND CLEANING OF	M3149
OPTIMIZATION	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A
ORGANIC	PRODUCTION OF THIN ORGANIC FILMS OF ZAPON NITROCELLULOSE	M3104
OUTGASSING	(MEASUREMENT OF) VACUUM OUTGASSING OF SELF-EXTINGUISHING EPOXY (FORMULATIONS)	M3357A

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

OVER-TEMPERATURE	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
OVER-TEMPERATURE	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
OXYGEN	LIQUID HYDROGEN, HELIUM, AND OXYGEN STORAGE	M3133
OXYGEN	OPERATION OF MAGNA DISSOLVED OXYGEN (CONTENT) METER	M3124
PACKAGE	INSTRUMENT PACKAGE USING STEEL VESSEL (PRELIMINARY) INVESTIGATION	M3021
PAD	(25-INCH) BUBBLE-CHAMBER, (DETERMINATION OF FINAL) GASKET, BEARING PAD, (DIMENSIONS)	M3101
PARALLEL-PLATE	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368
PARAMETER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON MAGNET PARAMETER STUDY, (JUNE 1964)	M3390
PARAMETERS	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORTS, CROSS-SECTION PARAMETERS FOR BEAMS (8 FT TO 15 FT DEEP)	M3242
PARAMETERS	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, (LIST OF REQUIRED) DESIGN PARAMETERS	M3257
PARKER	VACUUM TEST OF A PARKER JIG-O-SEAL GASKET UCID1890	M3035
PARTICLE	NON-DESTRUCTIVE TESTING, MAGNETIC PARTICLE INSPECTION	M352
PATIENT	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
PATIENT	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
PATTERN	(BEVATRON INJECTOR II) BEAM PATTERN, SOME PRELIMINARY CALCULATIONS	M3003
PERFORMANCE	(CONSTRUCTION AND) PERFORMANCE TESTS (OF 2-1/2 IN. ID, 36 KG) SUPERCONDUCTING COIL	M3388
PERFORMANCE	PERFORMANCE TEST OF A CHA-INDUSTRIES 6-INCH (HIGH) VACUUM PUMPING (SYSTEM) UCID2345	M3389
PERIODIC	THE ANALOG COMPUTER AS A FOURIER ANALYSER FOR ARBITRARY PERIODIC FUNCTIONS UCID2155	M3236
PERMANENT	CALCULATIONS FOR PERMANENT MAGNET (USED IN) DRIVE CAPSULE	M3392
PERMATEx	INVESTIGATION OF PERMATEx NUMBER 2 SEALING-COMPOUND AS VACUUM SEAL	M3359
PERMENDUR	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
PHELPS-DODGE	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

PHYSICAL	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
PHYSICS	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3031
PHYSICS	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3142A
PHYSICS	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
PHYSICS	PHYSICS CAVE SHIELDING COST (STEEL) UCID2187	M3223
PHYSICS	PHYSICS CAVE SHIELDING COST (STEEL) UCID2186	M3222
PILE	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
PILE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
PLASTIC	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
PLASTIC	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
PLASTIC	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
PLATE	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
PLATE	(184-INCH CYCLOTRON) STEEL PLATE SHIELDING	M3245
PLATFORM	WEST-OUTSIDE-RADIUS TANGENT AREA PLATFORM, REINFORCEMENT. (BEVATRON)	M3207
PLOTTER	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
PLOTTING	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
PLUNGER	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
PLUNGER	(BEVATRON, EAST-INSIDE-SOUTH) HYDRAULIC CLIPPER PLUNGER	M3036
PLUNGING	MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3020
POLARITY	(EXTERNAL BEAM) DEFLECTION MAGNET POLARITY UCID2337	M3327

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

POLE	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
POLE-TIP	LOW-POWER 8-INCH QUADRUPOLE MAGNETS POLE-TIP (PHYSICAL) REALIGNMENT	M3048
POLE-TIPS	ALPHA-PARTICLE SPECTROGRAPH-II, COST-ESTIMATE (FOR NEW SET OF) POLE-TIPS	M3157
POLISHING	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368
POLYESTER	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
POLYESTER	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
POLYIMIDE	COLD DEEP-DRAWING OF PLASTIC FILMS, POLYESTER MYLAR AND POLYIMIDE H-FILM UCID2274	M3197
POLYNOMIAL POSITIONER	POLYNOMIAL LEAST-SQUARES FIT BY MATRICES (25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3117 M3224
POSITIONER	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
POSITIONER	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
POSITIONING-UNIT	(A MINIATURE) POSITIONING-UNIT FOR STABLE, MULTI-COORDINATE (APPLICATIONS) UCID2353	M3403
POST-STRIPPER	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354
POTTING	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022
POWER	(BEVATRON INJECTOR II) MAGNETIC FORCES ON IM-3 POWER CABLES	M3010
POWER	(88 INCH CYCLOTRON, NEW) MAGNET POWER SUPPLIES, COOLING UCID2224	M3250
POWER	POWER SUPPLY FOR SUPERCONDUCTING MAGNET	M369
POWER-DISSIPATION	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION AT 2-MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3066
POWER-DISSIPATION	(HILAC, 36 PCT. AND 100 PCT.) DUTY-FACTOR (OPERATION AT 1.3 MEGAWATT) POWER-DISSIPATION, (PRELIMINARY MECHANICAL ENGINEERING) ESTIMATE	M3064

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

POWER-SUPPLIES	INTERLOCKING FOR SPARK-CHAMBER POWER-SUPPLIES UCID1935	M3085
PRE-STRIPPER	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
PRE-STRIPPER	(HILAC, 100 PCT) DUTY-FACTOR (OPERATION) PRE-STRIPPER DRIFT-TUBE GRIP (TEMPERATURES)	M3068
PRECAST	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244
PRECISION	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224
PREPARATION	PROCEDURE FOR THE PREPARATION OF CARBON FILMS (OF INTERMEDIATE THICKNESS)	M3106
PRESSURE	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, ESTIMATING OF MAXIMUM PRESSURE UCID2150	M3281
PRESSURE	(BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3221
PRESSURE	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134
PRESSURE	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
PRESSURE	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
PRESSURE	THE MAGNEHELIC DIFFERENTIAL PRESSURE GAGE	M3249
PRESSURIZATION	CHAMBER PRESSURIZATION WITH NEON AND SULFUR-DIOXIDE	M3278
PRESTRIPPER	PRESTRIPPER TANK GRILL COOLING (REQUIREMENTS AT) 100 PER CENT DUTY CYCLE	M3409
PRINCETON	(1964) CARTER, PRINCETON (SEMINAR.) SOLVING TEMPERATURE PROBLEMS WITH THERMOELECTRICS UCID2346	M3384
PRINT	DIAZO PRINT MACHINE	M354
PROBE	(CASCADE ISOTOPE-SEPARATOR, REYNOLDS) ION SOURCE PROBE MANIPULATION MECHANISM	M3153
PROCEDURE	(BEVATRON INJECTOR II) LINAC, DRIFT-TUBE (REMOVAL AND REPLACEMENT) PROCEDURE	M3400
PROCEDURE	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T STRAIGHT TO CURVED ASSEMBLY PROCEDURE	M3137
PROCEDURE	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
PROCEDURE	(1-1/4-DIA.-X-3-1/8-LG.) HYDROGEN GAS TARGET OPERATING PROCEDURE	M3251

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

PROCEDURE	(2000 P S I) METHANE COUNTER, OPERATION CHECK-LIST AND PROCEDURE	M3151A
PROCEDURE	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
PROCEDURE	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368
PROCEDURE	PROCEDURE FOR THE PREPARATION OF CARBON FILMS (OF INTERMEDIATE THICKNESS)	M3106
PROCEDURE	THERMOCOUPLE VACUUM GAUGE CALIBRATION PROCEDURE	M3210
PROCEDURES	MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3020
PRODUCTION	CONSULTATION-TRIP TO WESTERN-GOLD-AND-PLATINUM-COMPANY ON ALUMINA PART DESIGN AND PRODUCTION	M3204
PRODUCTION PROGRAM	PRODUCTION OF THIN ORGANIC FILMS OF ZAPON NITROCELLULOSE (BEVATRON) MAGNET CORE SURVEY COMPUTER PROGRAM	M3104 M3286
PROGRAMING	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
PROGRAMMED-INSTRUCT	(SUPPLEMENTARY NOTES TO) IBM FORTRAN PROGRAMMED-INSTRUCTION-COURSE	M3393-4
PROGRAMS	(CURRENT LIST OF) DIGITAL COMPUTER PROGRAMS UCID2278	M3347
PROGRAMS	(200-GEV) AGS MACHINE, PROGRAMS FOR DESIGNING MAGNETS (FOR MINIMUM) COST UCID2149	M3095
PROGRESS	(CASCADE ISOTOPE SEPARATOR, REYNOLDS,) PROGRESS REPORT NUMBER 7	M3315
PROGRESS	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
PROGRESS-REPORT	(CASCADE ISOTOPE SEPARATOR, REYNOLDS) PROGRESS-REPORT NO. 5	M3190
PROPANE	SAFETY-REQUIREMENTS FOR 25-INCH HYDROGEN AND 30-INCH PROPANE BUBBLE-CHAMBER (COMBINED) OPERATION (SPRING 1964) UCID2209	M3209
PROPERTIES	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
PROPERTIES	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
PROPERTIES	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

PROPOSAL	A PROPOSAL (FOR FUTURE REPLACEMENT OF) ANALOG COMPUTER	M3271
PROPOSAL	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (ADDITIONAL) PROPOSAL AND COST-ESTIMATE	M3323
PROPOSAL	MAGNET STUDY FOR 8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3053
PROPOSAL	8-INCH LIQUID HELIUM BUBBLE-CHAMBER PROPOSAL	M3014
PROPOSALS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
PROPOSALS	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
PROPOSALS PROPOSED	PROPOSALS FOR AN ANALOG COMPUTER (INSTALLATION) (ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3088 M3398
PROPOSED	(HEAVY ION ACCELERATOR) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3167B
PROPOSED	(HEAVY ION ACCELERATOR) PROPOSED IMPROVEMENTS, COST-ESTIMATES FOR TARGET-AREAS	M3262
PROPOSED	(184 INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964)	M3165B
PROPOSED	(184-INCH CYCLOTRON) PROPOSED IMPROVEMENTS, CENTER REGION STUDIES COST-ESTIMATES	M3300
PROPOSED	(184-INCH CYCLOTRON, FY 1965) PROPOSED ACCELERATOR IMPROVEMENTS (PRELIMINARY)	M3313
PROPOSED	(184-INCH CYCLOTRON) PROPOSED ACCELERATOR IMPROVEMENTS, (FY 1966 PRELIMINARY)	M3314
PROPOSED	(88-INCH CYCLOTRON,) PROPOSED ACCELERATOR IMPROVEMENTS (FOR FY 1964) UCID2229	M3166C
PROTON	(BEVATRON INJECTORII, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131
PULSE-LINE	PULSE-LINE IGNITRON TEMPERATURE CONTROL (SYSTEM, DESCRIPTION AND) OPERATING-INSTRUCTIONS	M3067
PULSED PUMP	PULSED BENDING MAGNET (ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M367A M3295
PUMP	ION VACUUM PUMP (CHARACTERISTICS) UCID2183	M3305
PUMP	MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3342

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

PUMP	TITANIUM SUBLIMATION VACUUM PUMP UCID2221	M3255
PUMPING	(ADVANCED ACCELERATOR,) EVALUATION OF (PROPOSED) VACUUM PUMPING SYSTEMS UCID2128	M3269A
PUMPING	PERFORMANCE TEST OF A CHA-INDUSTRIES 6-INCH (HIGH) VACUUM PUMPING (SYSTEM) UCID2345	M3389
PURIFIER	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
QB	(8 AND 12-INCH TYPE) QB QUADRUPOLE MAGNET COIL (ASSEMBLIES)	M348B
QUADRANT	(BEVATRON MAGNET CORE) DESIGN AND TEST OF 3-SECTOR STANCHION, QUADRANT II, 89 DEGREE AREA	M3042
QUADRUPOLE	(CORRELATION OF) QUADRUPOLE FOCUSING MAGNET (CHARACTERISTICS)	M3371
QUADRUPOLE	(THE STUDY OF) MAGNETO-OPTICS (AS APPLIED TO A) QUADRUPOLE MAGNET CENTER INDICATOR	M3329
QUADRUPOLE	(8 AND 12-INCH TYPE) QB QUADRUPOLE MAGNET COIL (ASSEMBLIES)	M348B
QUADRUPOLE	(8 AND 12-INCH, TYPE QB) QUADRUPOLE MAGNETS, (FINAL) ASSEMBLIES	M3061
QUADRUPOLE	(8QB AND 12QB) QUADRUPOLE MAGNET COST (COMPARISON)	M3349
QUADRUPOLE	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
QUADRUPOLE	DRIFT-TUBE QUADRUPOLE MAGNETS (EFFECTIVE LENGTH AND NONLINEARITY)	M3043
QUADRUPOLE	FLOW SWITCH FOR (16-32-16-12INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
QUADRUPOLE	FOCUSING MAGNETS (CENTER SECTION FOR 12° INCH APERTURE) QUADRUPOLE TRIPLET HERO	M359
QUADRUPOLE	LOW-POWER 8-INCH QUADRUPOLE MAGNETS POLE-TIP (PHYSICAL) REALIGNMENT	M3048
RADIATION	(DEPENDENCE OF) RADIATION HEAT-TRANSFER ON HEAT SHIELD (SPACING)	M3034
RADIO-FREQUENCY	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
RADIO-FREQUENCY	COOLING OF FERRITE IN RADIO-FREQUENCY CAVITIES BY FORCED AIR UCID2344	M3381
RADIO-FREQUENCY	RADIO-FREQUENCY RESISTIVITY OF (ROUGH) OFHC COPPER AT 140 MC	M3366
RADIOISOTOPE	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL-SYSTEM	M3029
RADIOISOTOPE	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL SYSTEM	M3231

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

RAILS	COST-ESTIMATE FOR REPLACING THE RAILS OF THE JULIUS MAGNET	M3161
RAISING	(BEVATRON INJECTORII, INFLECTOR METHOD OF) RAISING OR LOWERING THE INJECTED PROTON BEAM (BETWEEN I-M 1 AND I-M 2) MAGNETS	M3131
REACTION-CHAMBER	MOLECULAR-BEAM REACTION-CHAMBER, COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3318
REACTION-CHAMBER	MOLECULAR-BEAM REACTION-CHAMBER, (REVISED) COST-ESTIMATE (OF MECHANICAL) COMPONENTS	M3404
REACTIONS	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
REACTOR	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
READER	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405
REALIGNMENT	LOW-POWER 8-INCH QUADRUPOLE MAGNETS POLE-TIP (PHYSICAL) REALIGNMENT	M3048
REASSESSMENT	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3031
REASSESSMENT	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3142A
RECIRCULATOR	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
REDUCING	(ADVANCED ACCELERATOR,) REDUCING STRESS-VARIATION IN MAIN-RING MAGNET CORES (WITH LEGS AT ENDS.)	M3326
REGENERATIVE	(88-INCH CYCLOTRON) REGENERATIVE DEFLECTION-SYSTEM (DESCRIPTION AND) COST-ESTIMATE	M3380A
REGION	(184-INCH CYCLOTRON) PROPOSED IMPROVEMENTS, CENTER REGION STUDIES COST-ESTIMATES	M3300
REGULATING-TUBE	GOVERNING EQUATIONS FOR 5831 REGULATING-TUBE SHOCK-ABSORBER	M3001A
REGULATION	(IMPROVED) TEMPERATURE REGULATION FOR SPECTROMETER	M3119
REINFORCEMENT	MACHINE-INSTALLATION, REINFORCEMENT OF FLOOR (FOR ADDITIONAL LOADING)	M3051
REINFORCEMENT	WEST-OUTSIDE-RADIUS TANGENT AREA PLATFORM, REINFORCEMENT. (BEVATRON)	M3207
REINFORCING-STEEL	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
REINFORCING-STEEL	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

RELAYS	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
RELIABILITY	(TECHNICAL MEETING 12-11-63) CALCULATING RELIABILITY FOR ENGINEERING DEVICES	M3273
REPLACING REPORT	COST-ESTIMATE FOR REPLACING THE RAILS OF THE JULIUS MAGNET (CASCADE ISOTOPE SEPARATOR, REYNOLDS,) PROGRESS REPORT NUMBER 7	M3161 M3315
REPORT	INORGANIC-MATERIALS-RESEARCH, MECHANICAL-ENGINEERING, ASSISTANCE STATUS REPORT I	M3274
REPORT	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
RESIN	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
RESIN	HARD-SOLDERING, BRAZING, COPPER BUSES (ADJACENT) EPOXY RESIN	M3233
RESIN	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
RESISTANCE	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
RESISTIVITY	RADIO-FREQUENCY RESISTIVITY OF (ROUGH) OFHC COPPER AT 140 MC	M3366
RESISTIVITY	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
RESOLUTION	EXTERNAL BEAM MAGNETS, (FACTORS AFFECTING) ENERGY RESOLUTION	M3363
RESONANT	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
RESPONSE	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
RESPONSE	RESPONSE OF THERMOCOUPLE AND ION VACUUM GAGES (TO GASES OTHER THAN AIR)	M3099
REVERE-COPPER	MAGNETS, COILS, CONDUCTORS, (TRIP TO) PHELPS-DODGE, REVERE-COPPER, ANACONDA-AMERICAN-BRASS AND GENERAL-ELECTRIC-COMPANIES	M3079
RF	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

RF	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
RIGIDITY	OPTICAL BENCH RIGIDITY	M3152
RING	(ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M3229
RING	(ADVANCED ACCELERATOR) MAGNET RING SUPPORT BEAMS (220 FT LONG, A METHOD OF SUPPORTING THE BEAM AND ESTIMATES OF DEFLECTIONS) UCID2139	M3230
RINGS	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
ROAD	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
ROARKS	(PROPOSED BOOK OF) TABLES SIMPLIFYING ROARKS (FORMULAE)	M3343
ROLLING-MILL	FOIL ROLLING-MILL DESIGN CALCULATIONS	M3218
ROOF	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
ROTAMETER	(MODELING A) WATERFLOW ROTAMETER FOR LIQUID FREON (SERVICE)	M3096
ROTARY	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
ROUGHING	CAVE BEAM-TUBE VACUUM, (PREDICTED) ROUGHING (TIME) UCID2225	M3185
RUBBER	(STANDARD SPECIFICATION FOR) BUTYL RUBBER TUBING FOR VACUUM (USE)	M18
RUPTURE	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
SADDLE	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, CONDUCTOR (LENGTHS FOR) SADDLE COILS (WITH RECTANGULAR SECTION) UCID2147	M3156
SAFETY	(30-INCH PROPANE CHAMBER, HYPERFRAGMENT EXPERIMENT) SAFETY OF EQUIPMENT AND INSTALLATION	M3282
SAFETY	SAFETY (ASPECTS OF THE) HYDROGEN SPARK-DISCHARGE-CHAMBER	MM3114
SAFETY	SAFETY RULES FOR LOW-PRESSURE FLAMMABLE GAS TARGETS	M3265
SAFETY-REQUIREMENTS	SAFETY-REQUIREMENTS FOR 25-INCH HYDROGEN AND 30-INCH PROPANE BUBBLE-CHAMBER (COMBINED) OPERATION (SPRING 1964) UCID2209	M3209

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SATURATION	(AFFECT OF) SATURATION ON THE DESIGN OF GRADIENT FIELD MAGNETS	M3370
SCANNER	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL-SYSTEM	M3029
SCANNER	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL SYSTEM	M3231
SCANNING-SLITS	(BEVATRON INJECTOR II) BEAM SCANNING-SLITS, DRIVE-SHAFT VIBRATION	M3005
SCREWS	A DEVICE (FOR RAPID AND THOROUGH) CHECKING OF LEAD SCREWS. UCID2362	M3408
SEAL	(88-INCH CYCLOTRON) DEE TANK (HISTORY OF REPAIRS TO) LEAKS IN MAIN VACUUM SEAL UCID2220	M3285
SEAL	INVESTIGATION OF PERMATEX NUMBER 2 SEALING-COMPOUND AS VACUUM SEAL	M3359
SEALING-COMPOUND	INVESTIGATION OF PERMATEX NUMBER 2 SEALING-COMPOUND AS VACUUM SEAL	M3359
SEALS	O-RING VACUUM SEALS, J (MORGRIP) GROOVE DESIGN	M3175A
SEARCH-COIL	(25-INCH HYDROGEN) BUBBLE-CHAMBER MAGNET, FIELD-MEASURING COIL POSITIONER, PRECISION OF SEARCH-COIL (LOCATION AND MOVEMENT) UCID2162	M3224
SECTION	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
SELF-EXTINGUISHING	(MEASUREMENT OF) VACUUM OUTGASSING OF SELF-EXTINGUISHING EPOXY (FORMULATIONS)	M3357A
SELF-EXTINGUISHING	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196
SEMINAR	(UNIVERSITY OF CALIFORNIA) TECHNICAL WRITING SEMINAR	M3205
SEMINAR	(1964) VARIAN VACUUM TECHNOLOGY SEMINAR UCID2202	M3310
SEPTUM	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213
SERVICE	HOSE EVALUATION FOR (FORE) VACUUM SERVICE UCID2335	M3162
SHAFTS	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
SHEAR	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
SHELL	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING ENCLOSURE, PRECAST CURVED CONCRETE SHELL, (TOTAL) COST-ESTIMATE (FOR 2 AND 6 GEV INJECTION) C AND H MAGNETS	M3244
SHELL	(4 1/2 PCT) DUTY-FACTOR (OPERATION) DRIFT-TUBE STEM AND SHELL COOLING (REQUIREMENTS)	M3069

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SHIELD	(DEPENDENCE OF) RADIATION HEAT-TRANSFER ON HEAT SHIELD (SPACING)	M3034
SHIELDING	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
SHIELDING	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
SHIELDING	(HEAVY ION ACCELERATOR, MECHANICAL ENGINEERING) ESTIMATE FOR MACHINE COOLING AND SHIELDING (AT VARIOUS) DUTY-FACTORS	M3070
SHIELDING	(HEAVY ION ACCELERATOR, STUDIES FOR INCREASED) DUTY-FACTOR, STEEL SHIELDING (REQUIRED FOR 100 PCT FACTOR)	M3128
SHIELDING	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CNT LOAD-FACTOR, COST-ESTIMATE	M3375
SHIELDING	(HEAVY ION ACCELERATOR,) SHIELDING FOR 100 PER CENT LOAD-FACTOR, COST-ESTIMATE (FOR FIRST STAGE OF CONSTRUCTION)	M3376
SHIELDING	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3031
SHIELDING	(184-INCH CYCLOTRON) PHYSICS CAVE SHIELDING COST REASSESSMENT	M3142A
SHIELDING	(184-INCH CYCLOTRON) STEEL PLATE SHIELDING	M3245
SHIELDING	(184-INCH CYCLOTRON) SHIELDING BLOCKS, REVISED NUMBERING SYSTEM	M3325
SHIELDING	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
SHIELDING	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
SHIELDING	PHYSICS CAVE SHIELDING COST (STEEL) UCID2187	M3223
SHIELDING	PHYSICS CAVE SHIELDING COST (STEEL) UCID2186	M3222
SHIELDING	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
SHIELDING	300 LBS/CF CONCRETE SHIELDING BLOCK COSTS	M3032
SHIELDING-BLOCKS	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
SHIELDING-BLOCKS	MAGNETITE OR HEMATITE HIGH-DENSITY (225 LBS/CF) CONCRETE SHIELDING-BLOCKS	M15B

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SHIM	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
SHOCK-ABSORBER	GOVERNING EQUATIONS FOR 5831 REGULATING-TUBE SHOCK-ABSORBER	M3001A
SHRINKAGE	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
SHUR-FLO	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
SIMULATION SITES	DIODE CURCUITS FOR NON-LINEAR SIMULATION UCID2073 (ADVANCED ACCELERATOR) MAGNET ENCLOSURE, (PRELIMINARY) COST-COMPARISON, (FOUR) DESIGNS FOR SITES (REQUIRING) DEEP FOUNDATIONS UCID2067	M3234 M3226
SLAB	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
SLAC-RESEARCH-GROUP	SLAC-RESEARCH-GROUP (150 PSI) NITROGEN CERENKOV COUNTER, OPERATING INSTRUCTIONS	M3356
SLIDE	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
SOCIETY	(BOSTON MEETING) AMERICAN VACUUM SOCIETY, (OCTOBER 1963)	M3174
SOCIETY	(CONFERENCE OF) AMERICAN SOCIETY FOR METALS, (LOS ANGELES, MARCH 16 TO 19, 1964)	M3288
SOCIETY	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178
SOCIETY	DESIGN ENGINEERING (CONFERENCE AND SHOW, CHICAGO, MAY 1964,) AMERICAN SOCIETY OF (MECHANICAL ENGINEERS.) UCID2267	M3332
SOLENOID	CONSTRUCTION (AND CHARACTERISTICS OF) SOLENOID MAGNET IRIS (5 IN. ID, 20 KG)	M3387
SOLENOIDS	IRON-BOUND SOLENOIDS FOR BEAM FOCUSING	M3195
SOLVENT	HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3160
SOLVING	(1964) CARTER, PRINCETON (SEMINAR.) SOLVING TEMPERATURE PROBLEMS WITH THERMOELECTRICS UCID2346	M3384
SOLVING SOURCE	WORK-SHEET FOR SOLVING A CUBIC-EQUATION (CASCADE ISOTOPE-SEPARATOR, REYNOLDS) ION SOURCE PROBE MANIPULATION MECHANISM	M3009 M3153
SOURCE	ION SOURCE, GASEOUS HEAT-CONDUCTION	M3044

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SOURCE	ION SOURCE, NON-IONIZED GAS FLOW	M3039
SOURCE	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM	M3023
SPARE	(88-INCH CYCLOTRON) SPARE DEE (DESCRIPTION AND) COST-ESTIMATE	M3379
SPARK	A RECIRCULATOR AND PURIFIER FOR SPARK CHAMBER NEON GAS	M3352
SPARK-CHAMBER	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
SPARK-CHAMBER	INTERLOCKING FOR SPARK-CHAMBER POWER-SUPPLIES UCID1935	M3085
SPARK-DISCHARGE-CHA	SAFETY (ASPECTS OF THE) HYDROGEN SPARK-DISCHARGE-CHAMBER	MM3114
SPECIFICATION	ENGINEERING NOTE AND SPECIFICATION NUMBERING SYSTEM	M3228A
SPECTROGRAPH-II	ALPHA-PARTICLE SPECTROGRAPH-II, COST-ESTIMATE (FOR NEW SET OF) POLE-TIPS	M3157
SPECTROMETER	(IMPROVED) TEMPERATURE REGULATION FOR SPECTROMETER	M3119
SPECTROMETER	SPECTROMETER GLASS CATHODES	M351
SPECTROMETER	VELOCITY SPECTROMETER ELECTRIC AND MAGNETIC FIELD (FORMULAE)	M3024
SPECTROMETERS	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368
SPECTROMETERS	VELOCITY SPECTROMETERS (MARK VI) GLASS CATHODES	M363
SPECTROMETERS	VELOCITY SPECTROMETERS, (MARK V 4 INCHES X 12 INCHES) 10-FOOT MAGNET	M3102
SPECTROMETERS	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
SPHERICAL	BUOYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
SPIRAL	MEASURING-PROJECTOR, SPIRAL READER, FILM-TRANSPORT, AIR BEARING	M3405
SPREADER	SPREADER BAR (ASSEMBLY) STRESSES	M3040
STABILITY	EARTHQUAKE STABILITY CALCULATIONS FOR ELECTRICAL SUBSTATION (EQUIPMENT)	M3328
STABILITY	STABILITY OF A CART WITH CASTERS	M3008
STABILITY-STUDY	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
STABLE	(A MINIATURE) POSITIONING-UNIT FOR STABLE, MULTI-COORDINATE (APPLICATIONS) UCID2353	M3403
STAINLESS-STEEL	(SPECIFICATION AND PROCUREMENT OF) STAINLESS-STEEL (HIGH) VACUUM GATE VALVES UCID2206	M3309
STAINLESS-STEEL	STAINLESS-STEEL LIQUID DEUTERIUM CONDENSER WITH MOST-FAVORABLE COPPER-FINS	M3111

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

STANCHION	(BEVATRON MAGNET CORE) DESIGN AND TEST OF 3-SECTOR STANCHION, QUADRANT II, 89 DEGREE AREA	M3042
STANDARDIZATION	(WORK PLANNED ON) VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1965)	M3385
STANDARDIZATION STANDARDS	VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1964) MEASUREMENT OF SPEED OF AN OIL DIFFUSION PUMP SYSTEM (ACCORDING TO) AVS STANDARDS UCID2273	M3369 M3342
STANFORD	(1964 JOINT) AUTOMATIC CONTROLS CONFERENCE AT STANFORD UNIVERSITY	M3361
STARTING	MAGNET PLUNGING ACTUATORS, MAINTENANCE AND STARTING PROCEDURES	M3020
STATIC	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
STATUS	INORGANIC-MATERIALS-RESEARCH, MECHANICAL-ENGINEERING, ASSISTANCE STATUS REPORT I	M3274
STEEL	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
STEEL	(BASEMENT SLIDING) STEEL DOOR, DESIGN CALCULATIONS	M3330
STEEL	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
STEEL	(BEVATRON, REMAINDER OF) HEPPENSTAHL ARMOR PLATE STEEL SHIELDING FORGINGS	M3076
STEEL	(HEAVY ION ACCELERATOR, STUDIES FOR INCREASED) DUTY-FACTOR, STEEL SHIELDING (REQUIRED FOR 100 PCT FACTOR)	M3128
STEEL	(184-INCH CYCLOTRON) STEEL PLATE SHIELDING	M3245
STEEL	BUOYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
STEEL	INSTRUMENT PACKAGE USING STEEL VESSEL (PRELIMINARY) INVESTIGATION	M3021
STEERING	BRUTUS STEERING MAGNET. COST (SUMMARY)	M3025
STEERING	STEERING MAGNET III UCID2332	M3057
STEERING	THE ECONOMY OF (HIGH) MAGNETIC FIELDS IN THE DESIGN OF (LARGE) STEERING MAGNETS	M3219
STEM	(HEAVY ION ACCELERATOR) PROCEDURE FOR INSTALLING HIGH-STRENGTH BOLTS ON THE PRE-STRIPPER STEM CLAMPS	M3100
STEM	(HILAC) HEATING OF POST-STRIPPER DRIFT-TUBE STEM BELLOWS (AND METHODS OF) COOLING.	M3354

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

STEM	(4 1/2 PCT) DUTY-FACTOR (OPERATION) DRIFT-TUBE STEM AND SHELL COOLING (REQUIREMENTS)	M3069
STEREO	STEREO CAMERA FOR BROOKHAVEN-NATIONAL-LABORATORY 80-INCH BUBBLE-CHAMBER (REVISED) FILMSTRIP FORMAT UCID2351	M3401
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), COST-ESTIMATE (BASED ON 1/8 SIZE MODEL)	M3129
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), 184 INCH CYCLOTRON ALPHA-BEAM STABILITY-STUDY	M3297
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER (PRELIMINARY) PROPOSALS AND COST-ESTIMATES	M3301
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), PATIENT POSITIONER DESIGN AND DEVELOPMENT	M3308B
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (FINAL) PROPOSALS AND COST ESTIMATES	M3307
STEREOTAXIC	IRRADIATION STEREOTAXIC (APPARATUS FOR) HUMANS (ISAH), (ADDITIONAL) PROPOSAL AND COST-ESTIMATE	M3323
STIFFNESS	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
STIFFNESS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
STORAGE	LIQUID HYDROGEN, HELIUM, AND OXYGEN STORAGE	M3133
STORED	(BEVATRON) SHIELDING STEEL STORED ON BLACKBERRY CANYON ROAD	M3077
STRAIGHT	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T STRAIGHT TO CURVED ASSEMBLY PROCEDURE	M3137
STRENGTH	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
STRESS	(BEVATRON) LINAC SUPPORT-STANDS, STRESS ANALYSIS	M3116
STRESS	(NEW) BUBBLE-CHAMBER BODY, STRESS CALCULATIONS UCID1902	M3054
STRESS	(25-INCH) BUBBLE-CHAMBER BODY AND WINDOWS, STRESS CALCULATIONS UCID2071	M3232
STRESS	(72-INCH) BUBBLE-CHAMBER, (NEW)BODY, (ADDITIONAL) STRESS CALCULATIONS UCID1936	M3087
STRESS	BUBBLE-CHAMBER VACUUM TANK STRESS CALCULATIONS UCID1905	M3060
STRESS-VARIATION	(ADVANCED ACCELERATOR,) REDUCING STRESS-VARIATION IN MAIN-RING MAGNET CORES (WITH LEGS AT ENDS.)	M3326
STRESSES	CONCRETE BLOCK LIFTING FIXTURE STRESSES UCID2205	M3041
STRESSES	SPREADER BAR (ASSEMBLY) STRESSES	M3040

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

STRUCTURAL	(88-INCH CYCLOTRON) DEE COOLING AND STRUCTURAL CALCULATIONS UCID2222	M3296
STRUCTURE	(ADVANCED ACCELERATOR, INTERIM DISCUSSION,) MAGNET SUPPORT STRUCTURE (CONSIDERATIONS,)	M3319
STRUCTURE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
STRUCTURE	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
STRUCTURES	MAIN-RING MAJOR (EQUIPMENT) ACCESSWAY, (STUDIES NUMBER 11 AND NUMBER 12) CIRCULAR BUILDING WITH MOVABLE SHIELDING DOOR, COST-ESTIMATE (FOR 150 FT, 132 FT, AND 114 FT DIA.) STRUCTURES.	M3279
STUDIES	(184-INCH CYCLOTRON) PROPOSED IMPROVEMENTS, CENTER REGION STUDIES COST-ESTIMATES	M3300
SUBLIMATION SUBMISSION	TITANIUM SUBLIMATION VACUUM PUMP UCID2221 (88-INCH CYCLOTRON) ACCELERATOR IMPROVEMENTS, BUDGET SUBMISSION (FY 66.) UCID2226	M3255 M3311
SUBROUTINE	FORTRAN PROGRAMING SUBROUTINE FOR PLOTTING LOGARITHMIC GRID-LINES FOR THE CAL-COMP PLOTTER	M3337
SUBSTATION	EARTHQUAKE STABILITY CALCULATIONS FOR ELECTRICAL SUBSTATION (EQUIPMENT)	M3328
SULFUR	(BEVATRON, MOYER EXPERIMENT, MAY 1963) OPERATING INSTRUCTIONS AND CHECK LIST 300-PSI SULFUR HEXAFLUORIDE CERENKOV COUNTER	M3055
SULFUR-DIOXIDE SUPERCONDUCTING	CHAMBER PRESSURIZATION WITH NEON AND SULFUR-DIOXIDE (CONSTRUCTION AND) PERFORMANCE TESTS (OF 2-1/2 IN. ID, 36 KG) SUPERCONDUCTING COIL	M3278 M3388
SUPERCONDUCTING SUPERCONDUCTING SUPPLIES	COST OF SUPERCONDUCTING MAGNETS POWER SUPPLY FOR SUPERCONDUCTING MAGNET (88 INCH CYCLOTRON, NEW) MAGNET POWER SUPPLIES, COOLING UCID2224	M3018 M369 M3250
SUPPLY SUPPORT	POWER SUPPLY FOR SUPERCONDUCTING MAGNET (ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M369 M3229
SUPPORT	(ADVANCED ACCELERATOR) MAGNET RING SUPPORT BEAMS (220 FT LONG, A METHOD OF SUPPORTING THE BEAM AND ESTIMATES OF DEFLECTIONS) UCID2139	M3230

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SUPPORT	(ADVANCED ACCELERATOR) MAGNET SUPPORT BEAMS AND FOUNDATIONS COST-ESTIMATES (FOR 2 AND 6) GEV INJECTION, C AND H MAGNET LAYOUTS UCID2089	M3243
SUPPORT	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (THE ADVANTAGE OF CENTERING BEAM IN) TUNNEL, (WITH THREE EXAMPLES)	M3270
SUPPORT	(ADVANCED ACCELERATOR,) NATURAL FREQUENCIES FOR MAIN-RING MAGNET SUPPORT BEAMS (DESCRIBED IN NOTE M3243.)	M3283
SUPPORT	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORT, RESONANT FREQUENCY AND LATERAL STIFFNESS OF PILE SYSTEMS	M3304
SUPPORT	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (YEARLY DEFLECTION INCREASE DUE TO) CREEP AND SHRINKAGE (FOR 1 AND 2 CELL BEAMS)	M3321
SUPPORT	(ADVANCED ACCELERATOR, INTERIM DISCUSSION,) MAGNET SUPPORT STRUCTURE (CONSIDERATIONS,)	M3319
SUPPORT	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
SUPPORT	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
SUPPORT-STANDS	(BEVATRON) LINAC SUPPORT-STANDS, STRESS ANALYSIS	M3116
SUPPORTS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
SUPPORTS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE, FOUNDATIONS AND SUPPORTS, LATERAL STIFFNESS OF PROPOSED DEEP PILE FOUNDATION UCID2349	M3398
SUPPORTS,CROSS-SECT	(ADVANCED ACCELERATOR) MAIN-RING MAGNET SUPPORTS,CROSS-SECTION PARAMETERS FOR BEAMS (8 FT TO 15 FT DEEP)	M3242
SURVEY	(ADVANCED ACCELERATOR) SURVEY AND ALIGNMENT, (AN ECONOMICAL METHOD FOR) MONITORING MAGNET ALIGNMENT (DURING) OPERATION	M3237
SURVEY	(BEVATRON) MAGNET CORE SURVEY COMPUTER PROGRAM	M3286
SWAGELOCK	ACCIDENT WITH SWAGELOCK CAP	M3277
SWITCH	(A NEW TYPE) WATER FLOW SWITCH AND INDICATOR UCID2350	M3340
SWITCH	(88-INCH CYCLOTRON, ONE-HALF INCH) WATER FLOW SWITCH	M3189
SWITCH	FLOW SWITCH (REPLACEMENT ON 102) LINAC DRIFT-TUBE COOLING CIRCUITS	M3351

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

SWITCH	FLOW SWITCH DESIGN (UTILIZING) DIFFUSER (RECOVERY)	M3334
SWITCH	FLOW SWITCH FOR (16-32-16-12 INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
SWITCHES	BIMETALLIC KLIXON OVER-TEMPERATURE SWITCHES FOR MAGNET CONDUCTORS	M3391
SWITCHES	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, CERAMIC (MAIN) VACUUM TANK (PRELIMINARY)	M366
SYNCHROTRON	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, A MECHANICAL TUNING SYSTEM FOR A CAVITY (TO BE TUNED FROM 50 MC TO 100 MC)	M3339
SYNCHROTRON	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON, BROOKHAVEN, CAMBRIDGE, GENERAL-ELECTRIC (TRIP REPORT, JUNE 1964)	M3344
SYNCHROTRON	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
SYNCHROTRON	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER	M3348
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365
SYNCHROTRON	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON MAGNET PARAMETER STUDY, JUNE 1964	M3390
SYNCHROTRON	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373
TABLES	(PROPOSED BOOK OF) TABLES SIMPLIFYING ROARKS (FORMULAE)	M3343
TANGENT	WEST-OUTSIDE-RADIUS TANGENT AREA PLATFORM, REINFORCEMENT. (BEVATRON)	M3207

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

TANGENTIAL-BRACE	(BEVATRON MAGNET CORE) DIMENSIONAL-VARIATIONS OF TRANSITION-TANK AND TANGENTIAL-BRACE (AT SOUTH END OF EAST TANGENT TANK AS OF OCTOBER 1962)	M3338
TANK	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, CERAMIC (MAIN) VACUUM TANK (PRELIMINARY)	M366
TANK	(88-INCH CYCLOTRON) DEE TANK (HISTORY OF REPAIRS TO) LEAKS IN MAIN VACUUM SEAL UCID2220	M3285
TANK	BUBBLE-CHAMBER VACUUM TANK STRESS CALCULATIONS UCID1905	M3060
TANK	PRESTRIPPER TANK GRILL COOLING (REQUIREMENTS AT) 100 PER CENT DUTY CYCLE	M3409
TANKS	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
TANTALUM TAPES	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM HEAT AND SOLVENT RESISTANCE OF POLYESTER MYLAR ELECTRICAL TAPES	M3023 M3160
TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
TARGET	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139
TARGET	(BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3221
TARGET	(1-1/4-DIA.-X-3-1/8-LG.) HYDROGEN GAS TARGET OPERATING PROCEDURE	M3251
TARGET	ALUMINUM FOIL DOME FORMING FOR TARGET FLASKS UCID2275	M3180
TARGET	LIQUID DEUTERIUM TARGET FOR ARGONNE UCID2352	M3402
TARGET-AREAS	(HEAVY ION ACCELERATOR) PROPOSED IMPROVEMENTS, COST-ESTIMATES FOR TARGET-AREAS	M3262
TARGETS	SAFETY RULES FOR LOW-PRESSURE FLAMMABLE GAS TARGETS	M3265
TECHNICAL	(UNIVERSITY OF CALIFORNIA) TECHNICAL WRITING SEMINAR	M3205
TECHNICAL	A TECHNICAL INFORMATION SYSTEM AND CURRENT-AWARENESS (MINNESOTA MINING AND MFG. CO.) MICROFORUM, (DECEMBER 6, 1963.)	M3253
TECHNICAL	WORKSHOP ON TECHNICAL WRITING (NOVEMBER 20/21, 1963, UNIVERSITY OF CALIFORNIA EXTENSION CENTER)	M3201
TECHNIQUE	LEAST-SQUARES TECHNIQUE USING MATRICES	M3109
TECHNIQUE	TECHNIQUE FOR (THIN) INORGANIC FILM (PRODUCTION AND MOUNTING)	M3105

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

TECHNOLOGY	(1964) VARIAN VACUUM TECHNOLOGY SEMINAR UCID2202	M3310
TEMPERATURE	(A SENSITIVE) TEMPERATURE DEVIATION DETECTOR	M3038
TEMPERATURE	(IMPROVED) TEMPERATURE REGULATION FOR SPECTROMETER	M3119
TEMPERATURE	(1964) CARTER, PRINCETON (SEMINAR.) SOLVING TEMPERATURE PROBLEMS WITH THERMOELECTRICS UCID2346	M3384
TEMPERATURE	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
TEMPERATURE	PULSE-LINE IGNITRON TEMPERATURE CONTROL (SYSTEM, DESCRIPTION AND) OPERATING-INSTRUCTIONS	M3067
TEMPERATURE	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
TEMPERATURE-DISTRIB	TEMPERATURE-DISTRIBUTION IN A WATER-COOLED HOLLOW CONDUCTOR	M3130
TEMPERATURE-DROP	TEMPERATURE-DROP BETWEEN HEATED-SHEET AND COOLING-TUBE UCID2223	M3303
TEST	(BEVATRON MAGNET CORE) DESIGN AND TEST OF 3-SECTOR STANCHION, QUADRANT II, 89 DEGREE AREA	M3042
TEST	(BEVATRON) GAP-MOUNTED FLIP-TARGETS (MK VIII) STATIC TEST OF COLLET-TYPE COUPLING FOR TARGET AND BALANCE SHAFTS	M3135
TEST	(BEVATRON) LINAC DRIFT-TUBE MAGNET COIL CORROSION-RATE TEST	M3091
TEST	(BEVATRON, EXTERNAL PROTON BEAM) BEARING EVALUATION TEST	M3082
TEST	(BEVATRON, LOFGREN P-P SCATTERING EXPERIMENT.) HYDROGEN GAS TARGET, OPERATION CHECK LIST AND PRESSURE TEST	M3221
TEST	(25-INCH HYDROGEN) BUBBLE-CHAMBER, MULTIPULSING TEST (DURING ENGINEERING RUN,) UCID2157	M3290
TEST	BURSTING STRENGTH TEST OF ALUMINUM FOIL RUPTURE DISC, REACTOR COOLING OIL	M3276A
TEST	DESIGN AND FLOW TEST OF MULTI-ORIFICES IN SHUR-FLO SWITCHES	M3346
TEST	ELECTRIC HOIST ACCEPTANCE TEST AND A FRAME ANALYSIS	M3289A
TEST	HIGH-PRESSURE HYDROGEN SPARK-CHAMBER, (LOFGREN GROUP) OPERATING CHECK LIST, PROCEDURE AND PRESSURE TEST	M3355
TEST	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
TEST	PERFORMANCE TEST OF A CHA-INDUSTRIES 6-INCH (HIGH) VACUUM PUMPING (SYSTEM) UCID2345	M3389
TEST	VACUUM TEST OF A PARKER JIG-O-SEAL GASKET UCID1890	M3035

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

TESTING	MAGNET COIL IMPULSE TESTING	M3191
TESTING	NON-DESTRUCTIVE TESTING, MAGNETIC PARTICLE INSPECTION	M352
TESTING	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
TESTING	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
TESTS	(CONSTRUCTION AND) PERFORMANCE TESTS (OF 2-1/2 IN. ID, 36 KG) SUPERCONDUCTING COIL	M3388
TESTS	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252
THEORY	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
THERMAL	TESTING KLIXON THERMAL OVER-TEMPERATURE RELAYS IN A MAGNETIC FIELD	M3193
THERMIONIC	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM	M3023
THERMOCOUPLE	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
THERMOCOUPLE	RESPONSE OF THERMOCOUPLE AND ION VACUUM GAGES (TO GASES OTHER THAN AIR)	M3099
THERMOCOUPLE	THERMOCOUPLE VACUUM GAUGE CALIBRATION PROCEDURE	M3210
THERMOCOUPLE	VACUUM THERMOCOUPLE GAUGE TUBE EVALUATION	M3212A
THERMOELECTRICS	(1964) CARTER, PRINCETON (SEMINAR.) SOLVING TEMPERATURE PROBLEMS WITH THERMOELECTRICS UCID2346	M3384
TIPS	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
TITANIUM	TITANIUM SUBLIMATION VACUUM PUMP UCID2221	M3255
TOLERANCE	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, TOLERANCE ON COIL LOCATION UCID2141	M3211
TOLERANCES	(ADVANCED ACCELERATOR) MAIN-RING MAGNET, TOLERANCES (ON MAGNET UNIT)	M3259
TOOL	J GROOVE FOR O-RINGS TOOL GAGE AND GROOVE DESIGN (SHEET)	M361A
TORISPHERICAL	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
TOWER-4	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
TRANSFER	30-TON TRANSFER BEAM DESIGN UCID2215	M3317
TRANSFORMER	(70-KV) ISOLATION FIRING TRANSFORMER, (SELECTION OF) SELF-EXTINGUISHING EPOXY CASTING RESIN	M3196

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

TRANSIENT	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT AND ENCLOSURE, TRANSIENT RESPONSE TO EARTHQUAKE (MOTION OF A CONTINUOUS) CONCRETE BEAM (93-FT. LONG ONE CELL)	M3360
TRANSITION-TANK	(BEVATRON MAGNET CORE) DIMENSIONAL-VARIATIONS OF TRANSITION-TANK AND TANGENTIAL-BRACE (AT SOUTH END OF EAST TANGENT TANK AS OF OCTOBER 1962)	M3338
TRAVELING	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET AIR LOCK OPERATION	M3138
TRAVELING	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T TRAVELING TARGET OPERATING INSTRUCTIONS	M3139
TRAVELING	(FOUR-POINT VERSUS THREE-POINT) FLOOR-LOADING FOR TRAVELING MAGNET	M3056
TRIMMING	(88-INCH CYCLOTRON) MAGNET TRIMMING COILS, COST ESTIMATE (FOR DEMONSTRATION OF) COMPUTER CONTROL (OF ADJUSTMENTS)	M3399
TRIPLET	CENTER SECTION FOR 12-INCH APERTURE FOCUSING QUADRUPOLE TRIPLET MAGNET	M3081
TRIPLET	FLOW SWITCH FOR (16-32-16-12 INCH DIAMETER) FOCUSING QUADRUPOLE TRIPLET MAGNET	M3086
TRIPLET	FOCUSING MAGNETS (CENTER SECTION FOR 12 INCH APERTURE) QUADRUPOLE TRIPLET HERO	M359
TRUCK	(PORTABLE) BIOLOGICAL LABORATORY TRUCK CHASSIS	M349B
TUBE	(HEAVY ION ACCELERATOR, CW DRIVER,) TUBE AND GRID CONDENSER COOLING	M3141
TUBE	VACUUM THERMOCOUPLE GAUGE TUBE EVALUATION	M3212A
TUBING	(STANDARD SPECIFICATION FOR) BUTYL RUBBER TUBING FOR VACUUM (USE)	M18
TUBING	CURRENT-CARRYING (CAPACITY OF SEVERAL UCLRL) TUBING FITTINGS	M3266
TUNGSTEN	ION SOURCE, THERMIONIC EMISSION OF TUNGSTEN AND TANTALUM	M3023
TUNING	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
TUNING	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, THE ELECTRICAL AND MECHANICAL PROPERTIES OF THE MECHANICAL TUNING SYSTEM	M3331
TUNING	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, A MECHANICAL TUNING SYSTEM FOR A CAVITY (TO BE TUNED FROM 50 MC TO 100 MC)	M3339
TUNING	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON RF SYSTEM, A ROTARY CAPACITIVE TUNING (SYSTEM FOR A 50 MC TO 100 MC) RADIO-FREQUENCY CAVITY	M3365

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

TUNING	(HILAC 100 PCT DUTY FACTOR OPERATION,) COOLING WATER FLOW REQUIREMENTS FOR TUNING LOOPS	M3097
TUNNEL	(ADVANCED ACCELERATOR,) MAIN-RING MAGNET SUPPORT BEAMS, (THE ADVANTAGE OF CENTERING BEAM IN) TUNNEL, (WITH THREE EXAMPLES)	M3270
TURNTABLE	(184-INCH CYCLOTRON) PHYSICS CAVE (SHIELDING,) FORCE REQUIRED TO SLIDE MAGNET TURNTABLE AND SHIELDING BLOCKS	M3353A
ULTRA-HIGH UNIFORM	(SOME) ULTRA-HIGH VACUUM DESIGN CRITERIA UCID2279 DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3350A M3194
UNIFORMITY UNIFORMLY-LOADED	FIELD UNIFORMITY IN COIL-IN-GAP (TYPE) MAGNETS UCID1881 DEFLECTIONS AND NATURAL FREQUENCIES OF UNIFORMLY-LOADED UNIFORM BEAMS	M3026 M3194
UNIVERSITY	(1964 JOINT) AUTOMATIC CONTROLS CONFERENCE AT STANFORD UNIVERSITY	M3361
UPTAKE	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL-SYSTEM	M3029
UPTAKE	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL SYSTEM	M3231
VACUUM	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, CERAMIC (MAIN) VACUUM TANK (PRELIMINARY)	M366
VACUUM	(ADVANCED ACCELERATOR MAIN) VACUUM SYSTEM, DEFINITION OF PROBLEMS UCID2127	M3263
VACUUM	(ADVANCED ACCELERATOR,) EVALUATION OF (PROPOSED) VACUUM PUMPING SYSTEMS UCID2128	M3269A
VACUUM	(ADVANCED ACCELERATOR MAIN) VACUUM SYSTEM, (COMPARISON BETWEEN PRELIMINARY) COST-ESTIMATES AND CONTRACT BIDS	M3284
VACUUM	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
VACUUM	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A
VACUUM	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, (REQUIRED) VACUUM PUMP (PERFORMANCE FOR MAKING) MAGNETS INTERNAL TO VACUUM TANKS, PRELIMINARY STUDY	M3295
VACUUM	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
VACUUM	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

VACUUM	(BEVATRON VACUUM ENVELOPE BEAM EXIT) DESIGN OF VACUUM GATE VALVE	M3272
VACUUM	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
VACUUM	(BOSTON MEETING) AMERICAN VACUUM SOCIETY, (OCTOBER 1963)	M3174
VACUUM	(CUSTOM) VACUUM BELL-JAR	M3033
VACUUM	(M-4) MAGNET VACUUM BEAM-TUBE STUDY	M3016
VACUUM	(MEASUREMENT OF) VACUUM OUTGASSING OF SELF-EXTINGUISHING EPOXY (FORMULATIONS)	M3357A
VACUUM	(SOME) ULTRA-HIGH VACUUM DESIGN CRITERIA UCID2279	M3350A
VACUUM	(SPECIFICATION AND PROCUREMENT OF) STAINLESS-STEEL (HIGH) VACUUM GATE VALVES UCID2206	M3309
VACUUM	(STANDARD SPECIFICATION FOR) BUTYL RUBBER TUBING FOR VACUUM (USE)	M18
VACUUM	(WORK PLANNED ON) VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1965)	M3385
VACUUM	(1964) VARIAN VACUUM TECHNOLOGY SEMINAR UCID2202	M3310
VACUUM	(200-GEV) AGS MAIN-RING VACUUM CHAMBER ESTIMATING OF MAXIMUM PRESSURE UCID2148	M3134
VACUUM	(88-INCH CYCLOTRON) DEE TANK (HISTORY OF REPAIRS TO) LEAKS IN MAIN VACUUM SEAL UCID2220	M3285
VACUUM	AMERICAN VACUUM SOCIETY (SYMPOSIUM AT BOSTON, AND VISITS TO) BROOKHAVEN AND ARGONNE NATIONAL LABORATORIES	M3178
VACUUM	BUBBLE-CHAMBER VACUUM TANK STRESS CALCULATIONS UCID1905	M3060
VACUUM	CAVE BEAM-TUBE VACUUM, (PREDICTED) ROUGHING (TIME) UCID2225	M3185
VACUUM	HEATER CURRENT-SETTING FOR HASTINGS THERMOCOUPLE VACUUM GAUGE CALIBRATION	M3217
VACUUM	HOSE EVALUATION FOR (FORE) VACUUM SERVICE UCID2335	M3162
VACUUM	INVESTIGATION OF PERMATHEX NUMBER 2 SEALING-COMPOUND AS VACUUM SEAL	M3359
VACUUM	ION VACUUM PUMP (CHARACTERISTICS) UCID2183	M3305
VACUUM	O-RING VACUUM SEALS, J (MORGRIP) GROOVE DESIGN	M3175A
VACUUM	PERFORMANCE TEST OF A CHA-INDUSTRIES 6-INCH (HIGH) VACUUM PUMPING (SYSTEM) UCID2345	M3389
VACUUM	PROPERTIES (OF SEVERAL) EPOXY (FORMULAS FOR) VACUUM POTTING OF MAGNET COILS	M3022
VACUUM	RESPONSE OF THERMOCOUPLE AND ION VACUUM GAGES (TO GASES OTHER THAN AIR)	M3099

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

VACUUM	THEORY, CALIBRATION, AND OPERATION OF A MCLEOD VACUUM GAUGE UCID2343	M3364
VACUUM	THERMOCOUPLE VACUUM GAUGE CALIBRATION PROCEDURE	M3210
VACUUM	TITANIUM SUBLIMATION VACUUM PUMP UCID2221	M3255
VACUUM	VACUUM EQUIPMENT EVALUATION AND STANDARDIZATION (FY 1964)	M3369
VACUUM	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826/FURANE D40 FORMULATION)	M347
VACUUM	VACUUM IMPREGNATION OF MAGNET COILS WITH EPOXY (EPON 826 FURANE D40 FORMULATION)	M358
VACUUM	VACUUM IMPREGNATION OF MAGNET COILS WITH (LRL) EPOXY (FORMULATION NO. CT2E)	M360A
VACUUM	VACUUM TEST OF A PARKER JIG-O-SEAL GASKET UCID1890	M3035
VACUUM	VACUUM THERMOCOUPLE GAUGE TUBE EVALUATION	M3212A
VACUUM-ENVELOPE	VACUUM-ENVELOPE, BEAM-EXIT EXTENSION-TANK	M3287
VACUUM-JACKET	ANALYSIS (OF LONG RECTANGULAR) MEMBRANE VACUUM-JACKET WINDOWS	M3187
VACUUM-SYSTEM	(ADVANCED ACCELERATOR,) MAIN VACUUM-SYSTEM, (COMPARATIVE STUDY OF) CHAMBER MATERIALS	M3227
VACUUM-SYSTEM	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, COST-ESTIMATE UCID2152	M3241B
VACUUM-SYSTEM	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
VACUUM-SYSTEM	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, ESTIMATING OF MAXIMUM PRESSURE UCID2150	M3281
VACUUM-SYSTEM	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A
VACUUM-SYSTEM	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, (MEETING WITH DR. E.) FISCHER FROM CERN	M3299
VALVE	(BEVATRON VACUUM ENVELOPE BEAM EXIT) DESIGN OF VACUUM GATE VALVE	M3272
VALVES	(SPECIFICATION AND PROCUREMENT OF) STAINLESS-STEEL (HIGH) VACUUM GATE VALVES UCID2206	M3309
VAN	(PORTABLE) BIOLOGICAL LABORATORY VAN BODY	M350B
VANADIUM	(ADVANCED ACCELERATOR) MAIN-RING MAGNETS, VANADIUM PERMENDUR POLE TIPS UCID2144	M3170
VARIAN	(1964) VARIAN VACUUM TECHNOLOGY SEMINAR UCID2202	M3310
VELOCITY	PARALLEL-PLATE VELOCITY SPECTROMETERS, CLEANING AND POLISHING PROCEDURE FOR PARTS.	M3368

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

VELOCITY	VELOCITY SPECTROMETERS (MARK VI) GLASS CATHODES	M363
VELOCITY	VELOCITY SPECTROMETER ELECTRIC AND MAGNETIC FIELD (FORMULAE)	M3024
VELOCITY	VELOCITY SPECTROMETERS, (MARK V 4 INCHES X 12 INCHES) 10-FOOT MAGNET	M3102
VELOCITY	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
VESSEL	INSTRUMENT PACKAGE USING STEEL VESSEL (PRELIMINARY) INVESTIGATION	M3021
VESSEL	SHIM DRAWING OF THIN PRESSURE VESSEL (6 INCH DIAMETER X .005 INCH THICK) TORISPHERICAL 5052 ALUMINUM ALLOY HEADS UCID2276	M3235
VESSELS	BUOYANT STEEL VESSELS (UNDER EXTERNAL PRESSURE) SPHERICAL AND CYLINDRICAL, DESIGN (CURVES AND FORMULAS)	M3011
VIBRATION	(ADVANCED ACCELERATOR) RING MAGNET SUPPORT BEAMS (PRELIMINARY ESTIMATE OF STRESS, DEFLECTION, AND) VIBRATION FREQUENCY (FOR 100 FT AND 200FT BEAMS) UCID2138	M3229
VIBRATION	(ADVANCED ACCELERATOR) BOOSTER SYNCHROTRON, R. F. SYSTEM, VIBRATION IN THE MECHANICAL TUNING PLUNGER	M3322A
VIBRATION	(BEVATRON INJECTOR II) BEAM SCANNING-SLITS, DRIVE-SHAFT VIBRATION	M3005
VIBRATION	(REDUCTION OF) VIBRATION (CAUSED BY) MG SET	M3028
VIBRATION	NUCLEAR DEMAGNETIZATION CRYOSTAT, VIBRATION ISOLATION (AND APPLICATION OF) AIR MOUNTS UCID1988	M3147
VISIBILITY	VISIBILITY OF MACHINE-COMPONENTS	M3049
VOLUME	VELOCITY SPECTROMETERS (MK VI - 15 FT) THE TESTING OF GLASS FOR VOLUME RESISTIVITY (AS A FUNCTION OF) TEMPERATURE	M3324A
WALL	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON VACUUM SYSTEM, CERAMIC WALL VACUUM RINGS, (CONSTRUCTION AND DIMENSIONS, MODEL 2) UCID2277	M3345
WALL	SHIELDING THROUGH WALL AT BACKSTOP, CALCULATIONS FOR REINFORCING-STEEL IN SUPPORT SLAB UCID2330	M3037
WALL-THICKNESS	(ADVANCED ACCELERATOR MAIN) VACUUM-SYSTEM, MATERIAL AND WALL-THICKNESS OPTIMIZATION (FOR SIMPLIFIED) VACUUM CHAMBER UCID2363	M3292A
WALL-THICKNESS	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

WATER	(A NEW TYPE) WATER FLOW SWITCH AND INDICATOR UCID2350	M3340
WATER	(ADVANCED ACCELERATOR,) BOOSTER SYNCHROTRON (RF SYSTEM,) COOLING OF FERRITE IN RF CAVITIES BY WATER.	M3348
WATER	(HILAC 100 PCT DUTY FACTOR OPERATION,) COOLING WATER FLOW REQUIREMENTS FOR TUNING LOOPS	M3097
WATER	(PREFERRED) MAGNET WATER HOSE (ASSEMBLY) UCID2331	M3047
WATER	(RECOMMENDED CHANGES TO) LOW-CONDUCTIVITY WATER SYSTEMS (TO ACCOMODATE NEW LOADS.)	M3192
WATER	(88-INCH CYCLOTRON, ONE-HALF INCH) WATER FLOW SWITCH	M3189
WATER	BEVATRON, ADJUSTMENTS AND ALTERATIONS TO THE TOWER-4 LOW-CONDUCTIVITY WATER SYSTEM (AND LOADS)	M3112
WATER	CONTROLLED-TEMPERATURE WATER SYSTEM CALIBRATION (DATA)	M3006
WATER	ELECTRICAL CONDUCTIVITY (VERSUS SIZE OF) MAGNET COOLING WATER HOSES	M3256
WATER	IGNITRON TEMPERATURE CONTROL-SYSTEM, INSULATING WATER COIL, HOSE-CONNECTION ADHESIVE TEST	M3083
WATER	LINAC DEMINERALIZED WATER COOLING SYSTEM MAINTENANCE CHECKLIST	M3108A
WATER-COOLED	(88-INCH CYCLOTRON) DEFLECTOR, WATER-COOLED COPPER SEPTUM, WALL-THICKNESS MEASURING-DEVICE UCID2219	M3213
WATER-COOLED	INVESTIGATION OF PLASTIC EMBEDMENT RESIN (COMPOSITIONS FOR) MAGNET COILS (CONSTRUCTED OF) WATER-COOLED CONDUCTOR, PROGRESS REPORT UCID2185	M3306
WATER-COOLED	TEMPERATURE-DISTRIBUTION IN A WATER-COOLED HOLLOW CONDUCTOR	M3130
WATER-COOLING	APPRAISAL OF MAGNET WATER-COOLING HOSES	M3208
WATERFLOW	(MODELING A) WATERFLOW ROTAMETER FOR LIQUID FREON (SERVICE)	M3096
WAVEGUIDE	(ADVANCED ACCELERATOR,) AGS LINAC INJECTOR, ACCELERATING WAVEGUIDE COSTS UCID2308	M3341
WAVEGUIDE	ACCELERATING WAVEGUIDE (FABRICATION) UCID2142	M3202
WEATHERHEAD	(BEVATRON, PROPOSED) DESIGN FOR HOSE BARBS FOR 1/4 INCH I.D. WEATHERHEAD H-9 HOSE	M3293
WEATHERHEAD	WEATHERHEAD H-9 HOSE AND BARB (VARIATIONS TO ALLOW EASY ASSEMBLY AND) LEAK-TIGHTNESS	M3280
WEIGHT	CONCRETE ROOF SHIELDING-BLOCKS, CALCULATIONS FOR WEIGHT, CENTER-OF-GRAVITY, MOMENTS, REACTIONS, SHEAR, AND REINFORCING-STEEL UCID2329	M3030
WELDED	BURST TESTS OF ELECTRON-BEAM WELDED 5052 ALUMINUM FOIL HEMISPHERES	M3252

INDEX OF LRL BERKELEY M. E. DEPT. ENGR. NOTES AND SPECS SUPPLEMENT 10/15/64

WEST-OUTSIDE-RADIUS	WEST-OUTSIDE-RADIUS TANGENT AREA PLATFORM, REINFORCEMENT. (BEVATRON)	M3207
WESTERN-GOLD-AND-PL	CONSULTATION-TRIP TO WESTERN-GOLD-AND-PLATINUM-COMPANY ON ALUMINA PART DESIGN AND PRODUCTION	M3204
WF-BEAMS	(ADVANCED ACCELERATOR) MAIN-MAGNET-RING STRUCTURE FOUNDATION AND SUPPORTS, HALF-CELL (LONG) STEEL BEAMS, BEAM-SIZES, (STRESSES, SPACING AND DEFLECTION, COMMERCIAL) WF-BEAMS	M3336
WHOLE-BODY	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL-SYSTEM	M3029
WHOLE-BODY	WHOLE-BODY RADIOISOTOPE UPTAKE SCANNER, OPTICAL SYSTEM	M3231
WINDING	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T LONG COIL WINDING INSTRUCTIONS	M3123A
WINDING	(BEVATRON) GAP-MOUNTED FLIP-TARGET MK VIII-T SHORT COIL WINDING INSTRUCTIONS	M3136
WINDING-SUPPORTS	(BEVATRON MAGNET) COIL-END WINDING-SUPPORTS, (OUTER RADIUS REVISION FOR) BEAM-EXIT, (EXIT QUADRANTS II AND III)	M3089
WINDOWS	(BEVATRON VACUUM ENVELOPE) MEASUREMENT OF PHYSICAL AND OPTICAL PROPERTIES OF IRRADIATED PLASTIC AND LAMINATED GLASS VACUUM WINDOWS	M3372
WINDOWS	(25-INCH) BUBBLE-CHAMBER BODY AND WINDOWS, STRESS CALCULATIONS UCID2071	M3232
WINDOWS	ANALYSIS (OF LONG RECTANGULAR) MEMBRANE VACUUM-JACKET WINDOWS	M3187
WORK-SHEET	WORK-SHEET FOR SOLVING A CUBIC-EQUATION	M3009
WORKSHOP	WORKSHOP ON TECHNICAL WRITING (NOVEMBER 20/21, 1963, UNIVERSITY OF CALIFORNIA EXTENSION CENTER)	M3201
WRITING	(UNIVERSITY OF CALIFORNIA) TECHNICAL WRITING SEMINAR	M3205
WRITING	WORKSHOP ON TECHNICAL WRITING (NOVEMBER 20/21, 1963, UNIVERSITY OF CALIFORNIA EXTENSION CENTER)	M3201
YOKE	(AUXILIARY) MAGNET (M4,) DESIGN OF YOKE LAMINATION BOLTS UCID2333	M3103
ZAPON	PRODUCTION OF THIN ORGANIC FILMS OF ZAPON NITROCELLULOSE	M3104
ZERO-ORDER	(ADVANCED ACCELERATOR STUDY) BOOSTER SYNCHROTRON, MAGNET ENCLOSURE, (MAGNET AND) VACUUM-SYSTEM COST-ESTIMATE, ZERO-ORDER.	M3258
ZGS	(TOUR OF) COMPUTER INSTALLATION ZGS SYNCHROTRON, ARGONNE NATIONAL LABORATORY	M3373

