

Attachment H
First Article Inspection Results
Beacon Assembly



INSPECTION REPORT (SIDE A)

FIRST ARTICLE YES ☒ NO ☐

(Ref. Work Instructions FTL.QUA.310-02 and FTL.QUA.430-10)

Page 1 of 1

Program or Project: SLB 406 Work Order: P.O. 55016 Contract No: 55016

Part or Assy. Name: ANTENNA ASSEMBLY

Part No: A3-06-2053-001

Serial Number(s): Quantity Inspected: 1

Revision Level: (-)

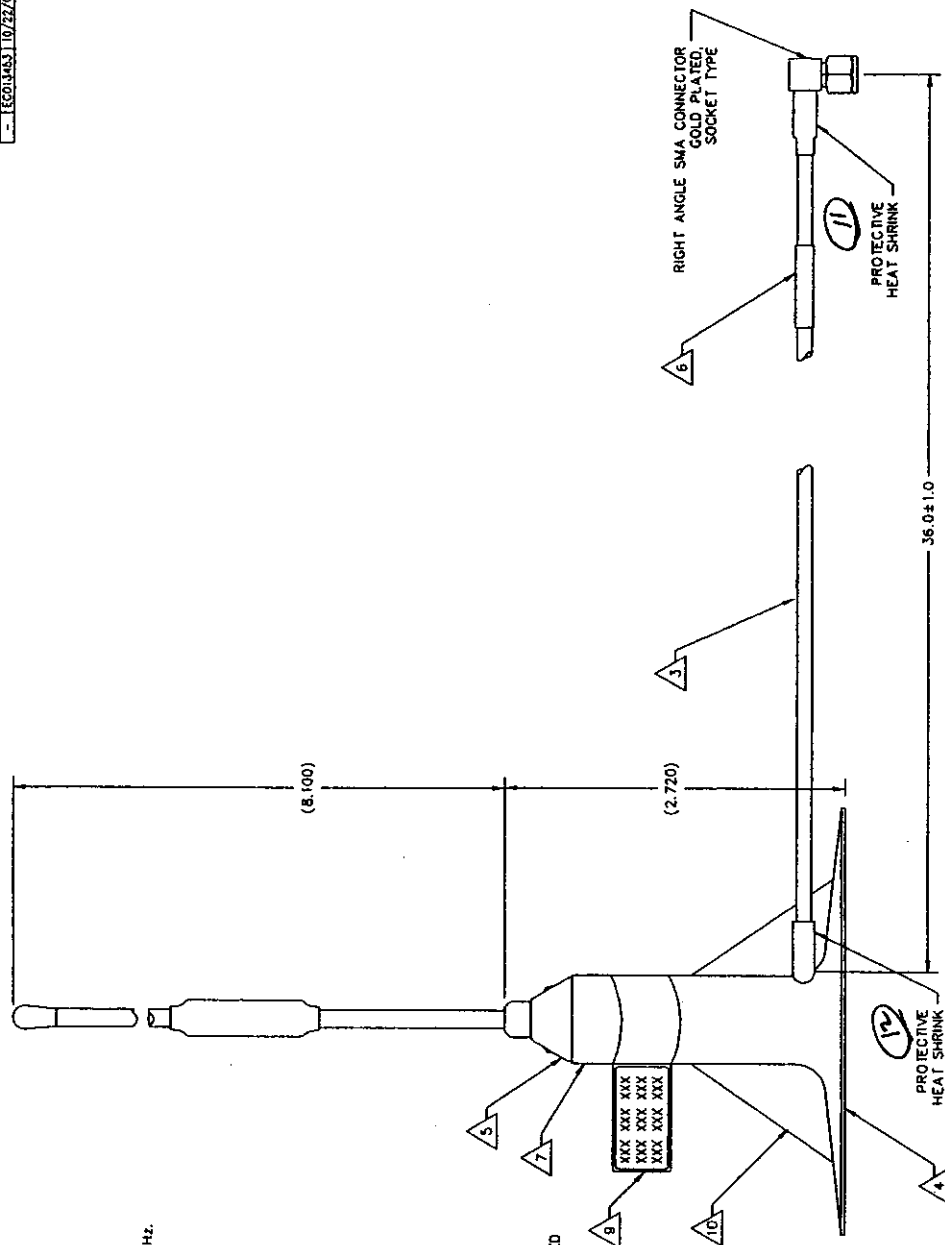
Inspect/ Test Point No	Inspection/Test Instructions, References, Equipment	Method*			Inspector's Section		
		V	W	I	Acc. Stamp	Inspection Date	Remarks/Recommendations Note: Do not stamp acceptance if item does not meet requirement.
—	This is to update from Rev 01 to Rev (-).						
NOTE 8	Antennary to meet note 2 after immersion to depth of one meter in water, for one hour with antenna installed on beam.				(DME A)	2/20/03	For Information
9	Use DME Part Number A1-25				(DME A)	2/20/03	For Information
10	Antenna boot, DME Part number A1-25				(DME A)	2/20/03	For Information
11	Protective heat shrink				(DME A)	2/20/03	present
12	Protective heat shrink				(DME A)	2/20/03	present

*V - Verify W - Witness I = Inspect

NOTICE IS HEREBY GIVEN THAT ALL DATA CONTAINED IN, REVEALED BY, OR SHOWN IN THIS DOCUMENT ARE PROPRIETARY AND BELONGS TO ONE COMP. OF LAUDERDALE, FLORIDA. IT IS PUNISHED AND RECEIVED IN CONFIDENCE SOLELY FOR INFORMATIONAL PURPOSES OF THE AGENCY FOR THE PURPOSES HEREIN IN TRANSMITTED. NONE OF THE INFORMATION CONTAINED HEREIN SHALL BE USED FOR ANY OTHER PURPOSES OR DISCLOSED IN WHOLE OR IN PART WITHOUT APPROV AUTHORIZATION OF ONE COMP.

Notes:

- 1 DME CORPORATION REQUIRES APPROVAL OF CHANGES IN THE DESIGN OR MANUFACTURING PROCESS OF THIS ITEM, PRIOR TO IMPLEMENTATION.
- 2 BASIC SPECIFICATIONS:
 - OPERATIONAL FREQUENCIES: 121.5 MHZ, 243.0 MHZ AND 406.028 MHZ.
 - NOMINAL INPUT IMPEDANCE: 50 OHMS
 - MAXIMUM VSWR AT RESONANCE: 1.5:1 (14DB RET LOSS)
 - POWER RATING: 2 WATTS CW (CONTINUOUS)
 - OPERATING TEMPERATURE: -20°C TO +85°C
 - STORAGE TEMPERATURE: -40°C TO +85°C
 - DC IMPEDANCE BETWEEN CENTER AND OUTER CONDUCTOR SHOULD BE > 10M OHMS
- 3 COAXIAL WIRE SHALL BE PER M17/113-RG316 OR EQUIVALENT. CABLE COLOR: BLACK.
- 4 GROUND PLANE SHALL BE WELL ADHERED TO BASE OF ANTENNA. NO SHARP PROTRUSIONS THAT COULD CAUSE A PUNCTURE OF THE INFLATABLE ARE ALLOWED ON THIS SURFACE.
- 5 THE INSERT SHALL BE BONDED INTO THE RUBBER BOOT.
- 6 PERMANENTLY IDENTIFY ANTENNA WITH DME PART NUMBER "P3-03-0040-001, FAA TSO-C126".
- 7 FERRITE BEADS TO BE INTERNAL TO ANTENNA BOOT.
- 8 ANTENNA ASSY TO MEET NOTE 2 AFTER IMMERSION TO DEPTH OF ONE METER IN WATER, FOR ONE HOUR WITH ANTENNA INSTALLED ON BEACON.
- 9 USE DME PART NUMBER A1-20-0564-001.
- 10 ANTENNA BOOT, DME CORPORATION P/N A1-25-0070.



APPROVED SOURCES OF SUPPLY			SUPPLIER DATA	
DWE DASH	CAGE CODE	PART NUMBER	NAME AND ADDRESS	
-001	0P001	UL-4060-1111	MYERS ENGINEERING INT. (MEI) FT. LAUDERDALE, FL	

SOURCE CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	6840 NW 16TH TERRACE FT LAUDERDALE, FL 33309	
TOLERANCES ON 2 PLACE 3 PLACE DECIMAL DECIMAL ±.010 ±.010	6840 NW 16TH TERRACE FT LAUDERDALE, FL 33309	
FRACTIONS 1/8 ANGLES 1°	6840 NW 16TH TERRACE FT LAUDERDALE, FL 33309	
1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 7/8 1 1 1/4 1 1/2 1 3/4 2 2 1/4 2 1/2 3 3 1/4 3 1/2 4 4 1/4 4 1/2 5 5 1/4 5 1/2 6 6 1/4 6 1/2 7 7 1/4 7 1/2 8 8 1/4 8 1/2 9 9 1/4 9 1/2 10 10 1/4 10 1/2 11 11 1/4 11 1/2 12 12 1/4 12 1/2 13 13 1/4 13 1/2 14 14 1/4 14 1/2 15 15 1/4 15 1/2 16 16 1/4 16 1/2 17 17 1/4 17 1/2 18 18 1/4 18 1/2 19 19 1/4 19 1/2 20 20 1/4 20 1/2 21 21 1/4 21 1/2 22 22 1/4 22 1/2 23 23 1/4 23 1/2 24 24 1/4 24 1/2 25 25 1/4 25 1/2 26 26 1/4 26 1/2 27 27 1/4 27 1/2 28 28 1/4 28 1/2 29 29 1/4 29 1/2 30 30 1/4 30 1/2 31 31 1/4 31 1/2 32 32 1/4 32 1/2 33 33 1/4 33 1/2 34 34 1/4 34 1/2 35 35 1/4 35 1/2 36 36 1/4 36 1/2 37 37 1/4 37 1/2 38 38 1/4 38 1/2 39 39 1/4 39 1/2 40 40 1/4 40 1/2 41 41 1/4 41 1/2 42 42 1/4 42 1/2 43 43 1/4 43 1/2 44 44 1/4 44 1/2 45 45 1/4 45 1/2 46 46 1/4 46 1/2 47 47 1/4 47 1/2 48 48 1/4 48 1/2 49 49 1/4 49 1/2 50 50 1/4 50 1/2 51 51 1/4 51 1/2 52 52 1/4 52 1/2 53 53 1/4 53 1/2 54 54 1/4 54 1/2 55 55 1/4 55 1/2 56 56 1/4 56 1/2 57 57 1/4 57 1/2 58 58 1/4 58 1/2 59 59 1/4 59 1/2 60 60 1/4 60 1/2 61 61 1/4 61 1/2 62 62 1/4 62 1/2 63 63 1/4 63 1/2 64 64 1/4 64 1/2 65 65 1/4 65 1/2 66 66 1/4 66 1/2 67 67 1/4 67 1/2 68 68 1/4 68 1/2 69 69 1/4 69 1/2 70 70 1/4 70 1/2 71 71 1/4 71 1/2 72 72 1/4 72 1/2 73 73 1/4 73 1/2 74 74 1/4 74 1/2 75 75 1/4 75 1/2 76 76 1/4 76 1/2 77 77 1/4 77 1/2 78 78 1/4 78 1/2 79 79 1/4 79 1/2 80 80 1/4 80 1/2 81 81 1/4 81 1/2 82 82 1/4 82 1/2 83 83 1/4 83 1/2 84 84 1/4 84 1/2 85 85 1/4 85 1/2 86 86 1/4 86 1/2 87 87 1/4 87 1/2 88 88 1/4 88 1/2 89 89 1/4 89 1/2 90 90 1/4 90 1/2 91 91 1/4 91 1/2 92 92 1/4 92 1/2 93 93 1/4 93 1/2 94 94 1/4 94 1/2 95 95 1/4 95 1/2 96 96 1/4 96 1/2 97 97 1/4 97 1/2 98 98 1/4 98 1/2 99 99 1/4 99 1/2 100 100 1/4 100 1/2 101 101 1/4 101 1/2 102 102 1/4 102 1/2 103 103 1/4 103 1/2 104 104 1/4 104 1/2 105 105 1/4 105 1/2 106 106 1/4 106 1/2 107 107 1/4 107 1/2 108 108 1/4 108 1/2 109 109 1/4 109 1/2 110 110 1/4 110 1/2 111 111 1/4 111 1/2 112 112 1/4 112 1/2 113 113 1/4 113 1/2 114 114 1/4 114 1/2 115 115 1/4 115 1/2 116 116 1/4 116 1/2 117 117 1/4 117 1/2 118 118 1/4 118 1/2 119 119 1/4 119 1/2 120 120 1/4 120 1/2 121 121 1/4 121 1/2 122 122 1/4 122 1/2 123 123 1/4 123 1/2 124 124 1/4 124 1/2 125 125 1/4 125 1/2 126 126 1/4 126 1/2 127 127 1/4 127 1/2 128 128 1/4 128 1/2 129 129 1/4 129 1/2 130 130 1/4 130 1/2 131 131 1/4 131 1/2 132 132 1/4 132 1/2 133 133 1/4 133 1/2 134 134 1/4 134 1/2 135 135 1/4 135 1/2 136 136 1/4 136 1/2 137 137 1/4 137 1/2 138 138 1/4 138 1/2 139 139 1/4 139 1/2 140 140 1/4 140 1/2 141 141 1/4 141 1/2 142 142 1/4 142 1/2 143 143 1/4 143 1/2 144 144 1/4 144 1/2 145 145 1/4 145 1/2 146 146 1/4 146 1/2 147 147 1/4 147 1/2 148 148 1/4 148 1/2 149 149 1/4 149 1/2 150 150 1/4 150 1/2 151 151 1/4 151 1/2 152 152 1/4 152 1/2 153 153 1/4 153 1/2 154 154 1/4 154 1/2 155 155 1/4 155 1/2 156 156 1/4 156 1/2 157 157 1/4 157 1/2 158 158 1/4 158 1/2 159 159 1/4 159 1/2 160 160 1/4 160 1/2 161 161 1/4 161 1/2 162 162 1/4 162 1/2 163 163 1/4 163 1/2 164 164 1/4 164 1/2 165 165 1/4 165 1/2 166 166 1/4 166 1/2 167 167 1/4 167 1/2 168 168 1/4 168 1/2 169 169 1/4 169 1/2 170 170 1/4 170 1/2 171 171 1/4 171 1/2 172 172 1/4 172 1/2 173 173 1/4 173 1/2 174 174 1/4 174 1/2 175 175 1/4 175 1/2 176 176 1/4 176 1/2 177 177 1/4 177 1/2 178 178 1/4 178 1/2 179 179 1/4 179 1/2 180 180 1/4 180 1/2 181 181 1/4 181 1/2 182 182 1/4 182 1/2 183 183 1/4 183 1/2 184 184 1/4 184 1/2 185 185 1/4 185 1/2 186 186 1/4 186 1/2 187 187 1/4 187 1/2 188 188 1/4 188 1/2 189 189 1/4 189 1/2 190 190 1/4 190 1/2 191 191 1/4 191 1/2 192 192 1/4 192 1/2 193 193 1/4 193 1/2 194 194 1/4 194 1/2 195 195 1/4 195 1/2 196 196 1/4 196 1/2 197 197 1/4 197 1/2 198 198 1/4 198 1/2 199 199 1/4 199 1/2 200 200 1/4 200 1/2 201 201 1/4 201 1/2 202 202 1/4 202 1/2 203 203 1/4 203 1/2 204 204 1/4 204 1/2 205 205 1/4 205 1/2 206 206 1/4 206 1/2 207 207 1/4 207 1/2 208 208 1/4 208 1/2 209 209 1/4 209 1/2 210 210 1/4 210 1/2 211 211 1/4 211 1/2 212 212 1/4 212 1/2 213 213 1/4 213 1/2 214 214 1/4 214 1/2 215 215 1/4 215 1/2 216 216 1/4 216 1/2 217 217 1/4 217 1/2 218 218 1/4 218 1/2 219 219 1/4 219 1/2 220 220 1/4 220 1/2 221 221 1/4 221 1/2 222 222 1/4 222 1/2 223 223 1/4 223 1/2 224 224 1/4 224 1/2 225 225 1/4 225 1/2 226 226 1/4 226 1/2 227 227 1/4 227 1/2 228 228 1/4 228 1/2 229 229 1/4 229 1/2 230 230 1/4 230 1/2 231 231 1/4 231 1/2 232 232 1/4 232 1/2 233 233 1/4 233 1/2 234 234 1/4 234 1/2 235 235 1/4 235 1/2 236 236 1/4 236 1/2 237 237 1/4 237 1/2 238 238 1/4 238 1/2 239 239 1/4 239 1/2 240 240 1/4 240 1/2 241 241 1/4 241 1/2 242 242 1/4 242 1/2 243 243 1/4 243 1/2 244 244 1/4 244 1/2 245 245 1/4 245 1/2 246 246 1/4 246 1/2 247 247 1/4 247 1/2 248 248 1/4 248 1/2 249 249 1/4 249 1/2 250 250 1/4 250 1/2 251 251 1/4 251 1/2 252 252 1/4 252 1/2 253 253 1/4 253 1/2 254 254 1/4 254 1/2 255 255 1/4 255 1/2 256 256 1/4 256 1/2 257 257 1/4 257 1/2 258 258 1/4 258 1/2 259 259 1/4 259 1/2 260 260 1/4 260 1/2 261 261 1/4 261 1/2 262 262 1/4 262 1/2 263 263 1/4 263 1/2 264 264 1/4 264 1/2 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365 365 1/4 365 1/2 366 366 1/4 366 1/2 367 367 1/4 367 1/2 368 368 1/4 368 1/2 369 369 1/4 369 1/2 370 370 1/4 370 1/2 371 371 1/4 371 1/2 372 372 1/4 372 1/2 373 373 1/4 373 1/2 374 374 1/4 374 1/2 375 375 1/4 375 1/2 376 376 1/4 376 1/2 377 377 1/4 377 1/2 378 378 1/4 378 1/2 379 379 1/4 379 1/2 380 380 1/4 380 1/2 381 381 1/4 381 1/2 382 382 1/4 382 1/2 383 383 1/4 383 1/2 384 384 1/4 384 1/2 385 385 1/4 385 1/2 386 386 1/4 386 1/2 387 387 1/4 387 1/2 388 388 1/4 388 1/2 389 389 1/4 389 1/2 390 390 1/4 390 1/2 391 391 1/4 391 1/2 392 392 1/4 392 1/2 393 393 1/4 393 1/2 394 394 1/4 394 1/2 395 395 1/4 395 1/2 396 396 1/4 396 1/2 397 397 1/4 397 1/2 398 398 1/4 398 1/2 399 399 1/4 399 1/2 400 400 1/4 400 1/2 401 401 1/4 401 1/2 402 402 1/4 402 1/2 403 403 1/4 403 1/2 404 404 1/4 404 1/2 405 405 1/4 405 1/2 406 406 1/4 406 1/2 407 407 1/4 407 1/2 408 408 1/4 408 1/2 409 409 1/4 409 1/2 410 410 1/4 410 1/2 411 411 1/4 411 1/2 412 412 1/4 412 1/2 413 413 1/4 413 1/2 414 414 1/4 414 1/2 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615 615 1/4 615 1/2 616 616 1/4 616 1/2 617 617 1/4 617 1/2 618 618 1/4 618 1/2 619 619 1/4 619 1/2 620 620 1/4 620 1/2 621 621 1/4 621 1/2 622 622 1/4 622 1/2 623 623 1/4 623 1/2 624 624 1/4 62		

-001

NONCONFORMING MATERIAL REPORT

1 of 1

NMR Number: A175221

GENERAL INFORMATION: (PART/ASSEMBLY SEGREGATED WITH NMR)

Part Nomenclature/Name: ANTENNA ASSY	Part Number: A3-06-2053-001	Rev: (-)	Serial Number: NA	Prev. NMR: 164630	Program/Job No: COMM	Department: REC	FRACAS yes ☒	Report No:
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RECEIVING INSPECTION INFORMATION:

Supplier Number: 5295	Supplier Name: MYERS ENGINEERING	PO Number: 55016	Receiver Number: 175221	Receiver Date: 28-Jan-03	RI Qty Recv: 27	RI Qty Insp: 5	RI Qty Rejected: 27
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IN-PROCESS INSPECTION INFORMATION:

WO No. - Seq.:	Inspection Work Inst:	Test Procedure Number:	New WO Number:	IP Qty Recv: 0	IP Qty Insp: 0	IP Qty Rejected: 0
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Nonconformance:

REF: NOTE 6, "PERMANENTLY IDENTIFY..." THE I.D. NUMBER IS MISSING. 5 OF 5 PCS SAMPLED

NON CONFORMING
PART/ASSEMBLY IF NOT
SAME AS THAT SEGREGATED
WITH NMR.

Non segreg Name/Nomenclature:

Non segreg Part Number:

Non segreg Revision:

Non segreg Serial Number:

OTHER
MATERIAL
AFFECTED

I	N	I	N	I	N	I	N
P	S	T	E	I	F		
R	O	C	K				

Defect Codes (QTY): 20, (27)

Initiator: JOHN WISE	Date Initiated: 31-Jan-03	Area Engineer: CARREY HENRY	Engineer Date of Signature: <i>[Signature]</i> 1/31/03
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Disposition:

24U.

REINSPECT	☐	☐	☐	☐
RETEST	☐	☐	☐	☐
RETROFIT	☐	☐	☐	☐
NONE	☐	☐	☐	☐

Affected Part Numbers:

RTV RTV Qty: ☒	UAI UAI Qty: ☐	Rework Rework Qty: ☐	Repair Repair Qty: ☐	Scrap Scrap Qty: ☐	Scrap Cost:	Responsibility DME ☐ Supplier ☒
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MRB Quality Rep: Date: <i>[Signature]</i> 1/31/03	MRB Quality Rep: Date:	MRB Engineering Rep: Date:	MRB Mnfg Rep: Date:	MRB Customer Rep: Date:
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Corrective Action:

Cause:

Corrective Action:

Scar

Responsible Department: <i>Purch.</i>	Due Date:	Completion Date:	Accepted By:	Date:	SCAR Number:
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Follow Up:

Quality Closure Rep:	Quality Closure Date:
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MYERS ENGINEERING INTERNATIONAL, INC.

PO Box 670070, Coral Springs, FL. 33067-0002

Tel: 954-345-5000 / Fax: 954-345-5005

Certificate Of Compliance

January 28, 2003

Sold To: **DME Corporation**
 6830 North West 16th Terrace
 Fort Lauderdale, Florida 33309

Description Of Materials :

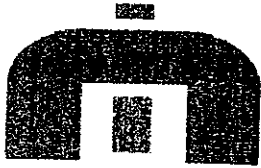
Antenna, Triple Frequency (406.0/243.0/121.5 MHz.) This Antenna requires a ground plane
Model Number: UL-4060-T111 / DME A3-06-2053

Quantity: 27 S/N: (0086-0112)

Purchase Order Number: 55016

The above Material conforms to MEI drawing Number UL-4060-T111 Rev. C. This Antenna requires a ground plane for proper operation.

Steven Myers
President
Myers Engineering International, Inc.



Myers Engineering International, Inc.

Return/Loss Chart

Project Name:

DME Triple Frequency (UL-4060-T111)

Date: 22 JAN 03

Date & Unit Code	RL (db) 121.5 MHz	RL (db) 243.0 MHz	RL (db) 406.0 MHz	Water Activation Test	STATUS Pass/Fail
1) 03 JAN #0086	-32	-20	-20	✓	Pass
2) 0087	-30	-32	-22	✓	Pass
3) 0088	-27	-27	-19	✓	Pass
4)					Pass
5)					Pass
6)					Pass
7)					Pass
8)					Pass
9)					Pass
10)					Pass
11)					Pass
12)					Pass
13)					Pass
14)					Pass
15)					Pass
16)					Pass
17)					Pass
18)					Pass
19)					Pass
20)					Pass

Tested By:

H. L. L. L.

MYERS ENGINEERING INTERNATIONAL, INC.

PO Box 070070, Coral Springs, FL 33067-0002

TEL 954-345-5000 / Fax 954-345-5005



Myers Engineering International, Inc.

Return/Loss Chart

Project Name:

DME Triple Frequency (UL-4060-T111)

Date: 24 JAN 03

Date & Unit Code	RL (db) 121.5 MHz	RL (db) 243.0 MHz	RL (db) 406.0 MHz	Water Activation Test	STATUS Pass/Fail
1) 1/3 JAN #0089	-34	-27	-16	✓	Pass
2) 0090	-29	-25	-19	✓	Pass
3) 0091	-24	-22	-18	✓	Pass
4) 0092	-27	-27	-17	✓	Pass
5) 0093	-26	-27	-17	✓	Pass
6) 0094	-30	-29	-17	✓	Pass
7)					Pass
8)					Pass
9)					Pass
10)					Pass
11)					Pass
12)					Pass
13)					Pass
14)					Pass
15)					Pass
16)					Pass
17)					Pass
18)					Pass
19)					Pass
20)					Pass

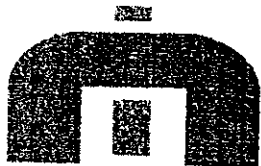
Tested By:

H. Kella

MYERS ENGINEERING INTERNATIONAL, INC.

P.O. Box 61810, Scott Springs, AL 36067-0002

Tel: 334-744-5000 / Fax: 334-341-5005



Myers Engineering International, Inc.

Return/Loss Chart

Project Name:

DME Triple Frequency (UL-4060-T111)

Date: 27 JAN 03

Date & Unit Code	RI (dB) 121.5 MHz	RI (dB) 243.0 MHz	RI (dB) 406.0 MHz	Water Activation	STATUS
				Test	Pass/Fail
1) 05 JAN 0095	-30	-25	-16	✓	Pass
2) 0096	-30	-22	-18	✓	Pass
3) 0097	-34	-25	-18	✓	Pass
4) 2098	-27	-26	-20	✓	Pass
5) 0099	-27	-23	-14	✓	Pass
6) 0100	-30	-25	-19	✓	Pass
7) 0101	-36	-24	-18	✓	Pass
8) 0102	-30	-24	-14	✓	Pass
9) 0103	-32	-28	-16	✓	Pass
10) 0104	-36	-28	-16	✓	Pass
11) 0105	-26	-21	-18	✓	Pass
12) 0106	-22	-21	-19	✓	Pass
13) 0107	-26	-22	-16	✓	Pass
14) 0108	-32	-23	-17	✓	Pass
15) 0109	-24	-23	-17	✓	Pass
16) 0110	-36	-20	-19	✓	Pass
17) 0111	-35	-24	-17	✓	Pass
18) ✓ 0112	-26	-19	-17	✓	Pass
19) 	N/A	 	 	 	Pass
20) 	N/A	 	 	 	Pass

Tested By:

Hklll

MYERS ENGINEERING INTERNATIONAL, INC.

1100 W. Central Expressway, Suite 100, Coral Springs, FL 33067-0001

TEL: 954-345-5000 / FAX: 954-345-5005

UNITED CORPORATION

6830 N.W. 16th Terrace
Ft. Lauderdale, FL 33309
(954) 975-2100

SHIP TO

Ryers
To: Mr Ryers

☐ SHIPMENT NOTICE

☒ DEBIT MEMO

No. 17350

DATE *2-3-03*

OUR P/O NO. *55016*

JOB ORDER NO. _____

REASON FOR SHIPMENT: ☐ SHIPMENT
☒ RETURN

☐ COLLECT

SHIPPED VIA

☐ UPS

☒ OUR DELIVERY BILL LADING NO. _____

☐ PREPAID

☐ PICK UP

OTHER _____

DATE SHIPPED _____

QUANTITY	PART NO.	DESCRIPTION	QUANTITY SHIPPED	UNIT PRICE	TOTAL PRICE
<i>27</i>	<i>A-3-06-2053-001, 165-</i>	<i>See NMR A175221</i>		<i>48.85</i>	<i>1318.95</i>
		<i>Attached.</i>			

SIGNED BY _____

ISSUED BY *[Signature]*

PACKING LIST



INSPECTION REPORT (SIDE A)

FIRST ARTICLE YES NO

(Ref. Work Instructions FTL.QUA.310-02 and FTL.QUA.430-10)

Page 1 of 2

Purchase Order No: 53152

Instruction No:

Program or Project: SRB406 Work Order:

Contract No:

Part or Assy. Name: ANTENNA ASSEMBLY

Part No:

Serial Number(s): Quantity Inspected:

Revision Level: 01

Prepared by: DAVE VALEO Date: 4-25-02 Approved by:

Date:

Inspect/ Test Point No	Inspection/Test Instructions, References, Equipment	Method*			Inspector's Section		
		V	W	I	Stamp	Date	Remarks/Recommendations
1	DME CORPORATION ...	✓			(14 DME A)		FOR INFORMATION
2	BASIC SPECIFIC ...	✓			(14 DME A)		FOR INFORMATION
3	COAXIAL WIRE ...	✓			(14 DME A)		CAN NOT VERIFY WIRE MARK M17/172 SHOULD BE M17/113 *
4	GROUND PLANE ...	✓			(14 DME A)		VISUAL
5	THE INSERT ...	✓			(14 DME A)		
6	PERMANENTLY ...	✓			(14 DME A)		
7	FERRITE BEADS ...	✓			(14 DME A)		FOR INFORMATION
8	RIGHT ANGLE SMA CONNECTOR ...	✓			(14 DME A)		CONFORMS

V - Verify W - Witness I = Inspect

MYERS ENGINEERING INTERNATIONAL, INC.

PO Box 670070, Coral Springs, FL 33067-0002
Tel: 954-345-5000 / Fax: 954-345-5005

Certificate Of Compliance
April 22, 2002

Sold To: Dme Corporation
6830 North West 16th Terrace
Fort Lauderdale, Florida 33309

Description Of Materials :

Antenna, Tripple Resonance (This Antenna requires a ground plane)
Model Number: UL-4060-T111,

Quantity: 3

Purchase Order Number: 53152

The above Material conforms to MEI drawing Number UL-4060-T111.

Steve Myers
President
Myers Engineering Int'l., Inc

NONCONFORMING MATERIAL REPORT

NMR Number: 1 of 1
A161345

GENERAL INFORMATION: (PART/ASSEMBLY SEGREGATED WITH NMR)

Item Nomenclature/Name:	Part Number:	Rev:	Serial Number:	Prev. NMR:	Program/Job No:	Department:	FRACAS	Report No:
ANTENNA ASSEMBLY	A3-06-2053-001	01	NA	NA	SRB-406	REC	yes ☒	

RECEIVING INSPECTION INFORMATION:

Supplier Number:	Supplier Name:	PO Number:	Receiver Number:	Receiver Date:	RI Qty Recv:	RI Qty Insp:	RI Qty Rejected:
5295	MYERS ENGINEERING	53152	161345	25-Apr-02	3	3	3

IN-PROCESS INSPECTION INFORMATION:

WO No. - Seq:	Inspection Work Inst:	Test Procedure Number:	New WO Number:	IP Qty Recv:	IP Qty Insp:	IP Qty Rejected:
				0	0	0

Nonconformance:

1) NOT PER NOTE # 3, WIRE CABLE MARKED M17/172 SHOULD BE M17/113. 2) 36.0 +/- 1.0 DIM. MEASURES DOWN TO 34-3/4 INCH, 1 OF 3 PCS. SEE ATTACHED FAI REPORT.

Shipped # 17038
5/8/02

NON CONFORMING PART/ASSEMBLY IF NOT SAME AS THAT SEGREGATED WITH NMR.

Non segreg Name/Nomenclature:

Non segreg Part Number:

Non segreg Revision:

Non segreg Serial Number:

Defect Codes (QTY):

Initiator:	Date Initiated:	Area Engineer:	Engineer Date of Signature:
DAVE VALEO	26-Apr-02	CARREY HENRY	<i>[Signature]</i> 4/29/02

Disposition:

1) UAI

RTV 1 @ 34.75"

3) Verify antenna is functional @ 406.028 MHz - RTV. IF OK UAI. IF NOT RTV. Supplier to written response.

Verified with supplier that ant. is functional @ 406.028 MHz

RTV	RTV Qty	UAI	UAI Qty	Rework	Rework Qty	Repair	Repair Qty	Scrap	Scrap Qty	Scrap Cost
☒	1	☐		☐		☐		☐		

PMR Quality Rep:	Date:	MRB Quality Rep:	Date:	MRB Engineering Rep:	Date:	MRB Mfg Rep:	Date:	MRB Customer Rep:	Date:
<i>[Signature]</i>	5/7/02	<i>[Signature]</i>	5/7/02	<i>[Signature]</i>	5/7/02	<i>[Signature]</i>	5/7/02		

OTHER MATERIAL AFFECTED	I N P R O C	I N S T O C K	I N T E S T	I N F I E L D
REINSPECT	☐	☐	☐	☐
RETEST	☐	☐	☐	☐
RETROFIT	☐	☐	☐	☐
NONE	☐	☐	☐	☐

Affected Part Numbers:

14-02 Responsibility DME ☒ Supplier ☒

Corrective Action:

Cause:

Corrective Action:

1) ENG. TO REVISE A3-06-2053 TO CLARIFY CHARACTERISTICS

Responsible Department:	Due Date:	Completion Date:	Accepted By:	Date:	SCAR Number:
PMR/ENG	6/7/02		<i>[Signature]</i>	5/7/02	

Quality Closure Rep:	Quality Closure Date:



FIRST ARTICLE PRODUCT APPROVAL FORM

This form is used for approval/disapproval of first article unit(s) or sample(s) of the DME part number referenced below, submitted by the vendor identified. All applicable information below **MUST** be filled out and two copies of this document shall be circulated for review and disposition by Quality, Engineering and Manufacturing Engineering and then returned to THOMAS WEBER.
Buyer/Subcontract Administrator (please print)

Vendor Name: MYERS ENGRG.
Part Number: A3-06-2053-001 Revision Level: 01
Description: ANTENNA ASSY.
Purchase Order Number: 53152
Mold No.: _____ Cavities: _____

The above part(s) as submitted: (check appropriate box)

☐ Complies to our specification

☐ Meets all requirements. Engineering documentation to follow.

☒ Does not comply with our specification.

Explanation: See attached FAI form.

Quality Assurance: Dana Valer
Engineering: Steve Kier
Purchasing: James Weber
Manufacturing Eng.: _____

Date: 4-26-02
Date: 4-26-02
Date: 4-26-02
Date: _____

NOTICE IS HEREBY GIVEN THAT ALL DATA CONTAINED IN, REVEALED BY, OR SHOWN IN THIS DOCUMENT ARE PROPRIETARY AND BELONGS TO DME CORP., FT. LAUDERDALE, FLORIDA. IT IS FURNISHED AND RECEIVED IN CONFIDENCE SOLELY FOR INFORMATIONAL PURPOSES OF THE RECIPIENT FOR THE PURPOSES HEREIN TRANSMITTED. NONE OF THE INFORMATION CONTAINED HEREIN SHALL BE USED FOR ANY OTHER PURPOSE OR DUPLICATED IN WHOLE OR IN PART WITHOUT PRIOR AUTHORIZATION OF DME CORP.

REVISIONS			
REV	ECO	DATE	APPROVAL
01	ECO13155		

Notes:

DME CORPORATION REQUIRES APPROVAL OF CHANGES IN DESIGN OR MANUFACTURING PROCESS OF THIS ITEM, PRIOR TO IMPLEMENTATION.

2. BASIC SPECIFICATIONS:

OPERATIONAL FREQUENCIES: 121.5, 406 AND 243 MHz
 NOMINAL INPUT IMPEDANCE: 50 OHMS
 MAXIMUM VSWR AT RESONANCE: 2.0 (9dB RET LOSS)
 POWER RATING: 2 WATTS CW (CONTINUOUS)
 OPERATING TEMPERATURE: -20°C TO +55°C
 STORAGE TEMPERATURE: -40°C TO +85°C
 DC IMPEDANCE BETWEEN CENTER AND OUTER CONDUCTOR SHOULD BE $\geq 10M$ OHMS

3. COAXIAL WIRE SHALL BE PER MIL-17/113-RG316 OR APPROXIMATE EQUIVALENT.

4. GROUND PLANE SHALL BE WELL ADHERED TO BASE OF ANTENNA WITH NO SHARP PROTRUSIONS THAT COULD CAUSE A PUNCTURE. THE INFLATABLE ARE ALLOWED ON THIS SURFACE.

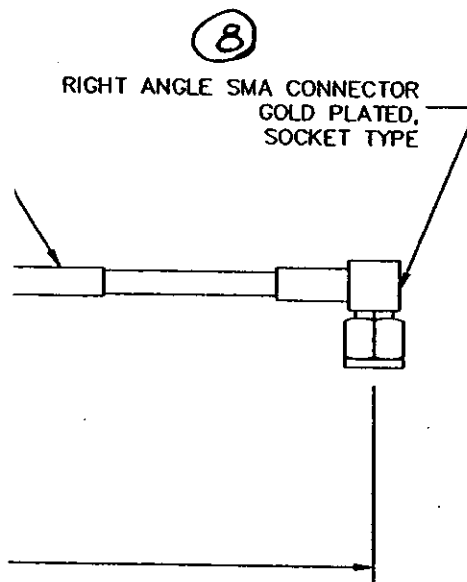
5. THE INSERT SHALL BE SECURELY BONDED INTO THE RUBBER BOOT.

6. PERMANENTLY IDENTIFY ANTENNA WITH DME PART NUMBER "P3-03-00xx-001 REV []" AND CURRENT REVISION OF P3-03-00xx.

7. FERRITE BEADS TO BE INTERNAL TO ANTENNA BOOT.

PN MARKING S/B

P3-03-0040-001 REV. 01



APPROVED SOURCES OF SUPPLY				SUPPLIER DATA		ORCE CONTROL DRAWING	
DME DASH	CAGE CODE	PART NUMBER	NAME AND ADDRESS	LESS OTHERWISE SPECIFIED	DME CORPORATION		
-001	OP001	UL-4060-T111 REVISION A	MYERS ENGINEERING FT. LAUDERDALE, FL	IN INCHES	6830 NW 16TH TERRACE FT LAUDERDALE, FL 33309		
				TOLERANCES ON DIMENSIONS ARE	TITLE		
				PLACE 3 PLACE DECIMAL	ANTENNA ASSEMBLY, TRIPLE FREQUENCY		
				0.03 ±0.010	REV. 01		
				ACTIONS ±1/8	B 55827 A3-06-2053		
				ANGLES ±1°	SCALE NONE WT N/A SHEET 1 OF 1		