

GENERAL NOTES:

- PERFORM ALL WORK IN ACCORDANCE WITH STANDARD PRACTICES OF BELL 206 SRM & AC43.13-1B/2B.
 - AIRCRAFT METAL WORK * AC43.13-1B, CH 4 & 6
 - AIRCRAFT HARDWARE * AC43.13-1B, CH 7
 - STRUCTURAL DATA * AC43.13-2B, CH 1
 - ANTENNA INSTL. * AC43.13-2B, CH 3
- DEBUR, BRUSH ALODINE (AS PER MIL-C-5541), AND EPOXY PRIME (AS PER MIL-P-23377) ALL MODIFIED OR NEWLY FABRICATED BARE METAL PARTS.
- EQUIVALENT FASTENERS MAY BE USED IN LIEU OF THOSE SPECIFIED. FASTENER LENGTH TO BE DETERMINED ON INSTALL.
- NO LESS THAN A MINIMUM:
 - 2D FASTENER EDGE DISTANCE
 - 4D FASTENER CENTER TO CENTER DISTANCE
 - 3T BEND RADIUS
- PAINT EXPOSED SURFACE IAW MIL-C-22750 (OR EQUIVALENT) TO MATCH EXISTING COLOUR OF ACFT. DO NOT PAINT ANTENNA.
- THE DATA CONTAINED HEREIN CONSIDERS STRUCTURAL DETAILS ONLY. REFER TO APPLICABLE WIRING DIAGRAMS FOR DETAILS REGARDING WIRING, EQUIPMENT, AND SYSTEMS OPERATIONS.

7 UP TO SIX ANTENNAS MAY BE INSTALLED AT ONCE. POSITION THE ANTENNAS UPON INSTALLATION. THE LOCATION OF THE ANTENNAS CAN BE INTERCHANGED. ENSURE THAT EACH ANTENNA IS 6 INCHES AWAY FROM AN EXISTING STRUCTURE (IE. LIGHTS, LANDING GEAR, JACKING MOUNTS AND OTHER ANTENNAS). MEASURE DISTANCE BETWEEN ANTENNA AND ADJACENT ITEM FROM ANTENNA'S CONNECTOR.

8 UP TO FOUR ANTENNAS MAY BE INSTALLED AT ONCE. POSITION THE ANTENNAS UPON INSTALLATION. THE LOCATION OF THE ANTENNAS CAN BE INTERCHANGED. ENSURE THAT EACH ANTENNA IS 6 INCHES AWAY FROM AN EXISTING STRUCTURE (IE. LIGHTS, LANDING GEAR, JACKING MOUNTS AND OTHER ANTENNAS). MEASURE DISTANCE BETWEEN ANTENNA AND ADJACENT ITEM FROM ANTENNA'S CONNECTOR.

9 UP TO FIVE ANTENNAS MAY BE INSTALLED AT ONCE. POSITION THE ANTENNAS UPON INSTALLATION. THE LOCATION OF THE ANTENNAS CAN BE INTERCHANGED. ENSURE THAT EACH ANTENNA IS 6 INCHES AWAY FROM AN EXISTING STRUCTURE (IE. LIGHTS, LANDING GEAR, JACKING MOUNTS AND OTHER ANTENNAS). MEASURE DISTANCE BETWEEN ANTENNA AND ADJACENT ITEM FROM ANTENNA'S CONNECTOR.

10 INSTALL ITEMS 301 & 302 (OR 303 OR 304 OR 324) IN CENTER PEDESTAL, ONTO DZUS RAILS. USE PROVIDED PROVISIONS. LOCATE UPON INSTALLATION.

11 ITEM 305 IS OPTIONAL. MAY BE INSTALLED ON SECONDARY STRUCTURE WITHIN THE ROTORCRAFTS CABIN OR FLIGHT DECK IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND AC43.13 1B/2B STANDARD PRACTICES, USING STANDARD AIRCRAFT HARDWARE,

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RECORD OF REVISIONS				
REV	DATE: (DD/MM/YY)	DESCRIPTION OF CHANGES	DWN	APPD
A	17/07/13	INITIAL ISSUE	CMA	JW
B	09/10/13	REVISED TO INCLUDE ITEM 317 AND NOTE 17.	CES	JW
C	02/04/14	ITEM 318 TO 323 ADDED, DISTINGUISHED BETWEEN -001, -003, -005 INSTALLS. REORGANIZED LOM & FLAG NOTES.	JA	TM
D	04/06/14	-007 INSTALL, FLAG NOTE 18, ITEM 324 ADDED.	JA	TL

12 DRILL HOLES THROUGH SKIN OF FUSELAGE TO MATCH ANTENNA'S FOOTPRINT. MATCH FASTENER AND CONNECTOR HOLE SIZES AS SHOWN ON INSTALL

13 DEBURR HOLE AND REMOVE DEBRIS AND LOOSE MATERIAL FROM CAVITY AND SURFACE OF COMPOSITE PANEL. FILL UNDERCUT WITH EPOCAST 87269-A/B (OR EQUIVALENT) TO MATCH THE HOLE EDGE IN FACINGS, SAND SMOOTH AND FLUSH WHEN CURED.

14 ENSURE PROPER ELECTRICAL BONDING BETWEEN THE DOUBLER AND AIRCRAFT IN ACCORDANCE WITH ANTENNA MANUFACTURER INSTRUCTIONS. GROUND USING ELECTRICAL STRAPS AS REQUIRED PER AC43.13 CHAPTER 11 SECTION 15.

15 SIZE AND TRIM DOUBLERS AS REQUIRED UPON INSTALLATION.

16 ITEMS 312 IS COMPRISED OF THE FOLLOWING COMPONENTS:

- P/N 302-002-001 TUNER BOX (1.63 LBS)
- P/N 302-002-002 COAXIAL CABLE (9 INCHES) (0.13 LBS)
- P/N 302-002-003 45' BASE MOUNT WITH KIT (0.31 LBS)
- P/N 302-002-004 WHIP ANTENNA ROD (0.13 LBS)
- P/N 302-002-005 INSTALLATION KIT, CONN. WITH PIN (0.30 LBS)

TUNER BOX IS TO BE INSTALLED ON THE INTERIOR BOTTOM SHELL ASSEMBLY USING STANDARD AN/MS #10 HARDWARE IN ACCORDANCE WITH THE PRACTICES OF BELL 206 MAINTENANCE MANUAL AND/OR AC43.13-1B/2B.

17. IDENTIFY PARTS WITH MIN 0.12 HIGH CHARACTERS USING PERMANENT INK. IDENTIFICATION TO INCLUDE PART NUMBER AND REVISION STATUS.

18 UP TO TWO ANTENNAS MAY BE INSTALLED AT ONCE. POSITION THE ANTENNAS UPON INSTALLATION. THE LOCATION OF THE ANTENNAS CAN BE INTERCHANGED. ENSURE THAT EACH ANTENNA IS 6 INCHES AWAY FROM AN EXISTING STRUCTURE (IE. LIGHTS, LANDING GEAR, JACKING MOUNTS AND OTHER ANTENNAS). MEASURE DISTANCE BETWEEN ANTENNA AND ADJACENT ITEM FROM ANTENNA'S CONNECTOR.



COMPUTER GENERATED DOCUMENT DO NOT REVISE MANUALLY DO NOT SCALE DRAWING		DRAWN: C. ADELSON DATE: (DD/MM/YY) 17/07/13	200-7050 TELFORD WAY MISSISSAUGA, ONTARIO CANADA L5S 1V7 TEL (905) 405-1371 FAX (905) 405-1373
BELL MODELS: 206, 206A, 206A-1 206B, 206B-1, 206L 206L-1, 206L-2 206L-3, 206L-4		CHECKED: J. WONG DATE: (DD/MM/YY) 17/07/13	DECA AVIATION ENGINEERING LIMITED
UNLESS OTHERWISE SPECIFIED, ALL LINEAR DIMENSIONS ARE IN INCHES.		TDFM 9000 ANTENNA INSTL. BELL 206	
TOLERANCES: LINEAR: X.X ±0.1 X.XX ±0.03 X.XXX ±0.010 ANGULAR: X.X ±0'30"		SIZE B	DWG NUMBER: 5004271
NEXT ASSY USED ON		SCALE: NTS NCAGE: L6518 SHEET 1 OF 19	
APPLICATION		MACHINED SURFACES: 125 ✓	

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QUANTITY/DASH NO															LIST OF MATERIAL					
-071	-069	-067	-065	-063	-061	-059	-057	-055	-053	-051	-007	-005	-003	-001	NUMBER	DESCRIPTION	MATERIAL	SPEC	SIZE	ITEM
				6											P101F25-()	INSERT, NON-FLUSH PLUG		ALCOA FASTENING	#1/4	214
				6											S101D25-()	INSERT, FLUSH SLEEVE		ALCOA FASTENING	#1/4	213
6	8	4	6		6	6				4	3				P101F18-()	INSERT, NON-FLUSH PLUG		ALCOA FASTENING	#10	212
6	8	4	6		6	6				4	3				S101D18-()	INSERT, FLUSH SLEEVE		ALCOA FASTENING	#10	211
							4	6							P101F15-()	INSERT, NON-FLUSH PLUG		ALCOA FASTENING	#8	210
							4	6							S101D15-()	INSERT, FLUSH SLEEVE		ALCOA FASTENING	#8	209
				6											MS21059L4	NUTPLATE, SELF-LOCK 2LUG, FLOAT			#1/4-28	208
6	8	4	6		6	6				4	3				MS21059L3	NUTPLATE, SELF-LOCK 2LUG, FLOAT			#10-32	207
							4	6							MS21059L08	NUTPLATE, SELF-LOCK 2LUG, FLOAT			#8-32	206
		4				6									MS24694-()	SCREW, MACHINE FLAT CSK, STRCT			#10-32	205
				6											MS27039-()	SCREW, MACHINE PAN HEAD, STRCT			#1/4-28	204
6	8		6		6					4	3				MS27039-()	SCREW, MACHINE PAN HEAD, STRCT			#10-32	203
							4	6							MS27039-()	SCREW, MACHINE PAN HEAD, STRCT			#8-32	202
12	16	8	12	12	12	12	8	12	8	6					MS20426AD3-()	RIVET, SOLID CSK HEAD	AL ALY		Ø3/32	201

QUANTITY/DASH NO

LIST OF MATERIAL

ODD DASH NUMBER IS SHOWN. THE NEXT HIGHER CONSECUTIVE EVEN DASH NUMBER IS OPPOSITE.

DECA 200-7050 TELFORD WAY
 MISSISSAUGA, ONTARIO
 CANADA L5S 1V7
 AVIATION ENGINEERING LIMITED TEL (905) 405-1371 FAX (905) 405-1373

TDFM 9000 ANTENNA INSTL.
 BELL 206

SIZE B	DWG NUMBER: 5004271	REV D
SCALE: NTS	NCAGE: L6518	SHEET 3 OF 19

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											1				121270-D-91-()	FM TRANCEIVER - TDFM-9100		TECHNISONIC INDUSTRIES	7.0 LBS	324	
1															SC-D-459388	AT-1108/ARC ANTENNA		RAMI ANTENNA	3.5 LBS	323	
	1														65256BI	AT-256A/ARC ANTENNA	M5815/01-1	RAMI ANTENNA	2.0 LBS	322	
		1													S65-1227-2	UHF ANTENNA		SENSOR SYSTEMS INC.	1.4 LBS	321	
			1												S65-1227	UHF ANTENNA		SENSOR SYSTEMS INC.	1.3 LBS	320	
				1											S65-8282-51	VHF/UHF ANTENNA		SENSOR SYSTEMS INC.	2.5 LBS	319	
					1										S65-8282-50	VHF/UHF ANTENNA		SENSOR SYSTEMS INC.	2.5 LBS	318	
						1									S65-8282-34	VHF/UHF ANTENNA		SENSOR SYSTEMS INC.	2.5 LBS	317	
							1								AV-925	VHF/UHF/700/800 ANTENNA		RAMI ANTENNA	1.8 LBS	316	
								1							21-50-45	MULTIBAND FM COMM ANTENNA		COOPER ANTENNAS	2.5 LBS	315	
									1						CL-295-250	DUAL BAND/DUAL PORT ANTENNA		COMANT INDUSTRIES	2.0 LBS	314	
										1					CL-295-200	DUAL BAND/DUAL PORT ANTENNA		COMANT INDUSTRIES	2.0 LBS	313	
											1				302-0002-000	ANTENNA, FLX-3050B		FOXTRONIC INC.	2.5 LBS	312	
												1			CL-306	800 ANTENNA, 806 TO 870 MHz		COMANT INDUSTRIES	0.15 LBS	311	
													1		CL-285	RADIOPHONE ANTENNA		COMANT INDUSTRIES	0.75 LBS	310	
														1	CL-275	RADIOPHONE ANTENNA		COMANT INDUSTRIES	0.5 LBS	309	
														1	CL-292-4	FM EXTENDED BAND ANTENNA		COMANT INDUSTRIES	0.5 LBS	308	
														1	CL-292-3	FM EXTENDED BAND ANTENNA		COMANT INDUSTRIES	0.5 LBS	307	
														1	CL-292-1	VHF COMMUNICATION ANTENNA		COMANT INDUSTRIES	0.5 LBS	306	
													(1)	(1)	(1)	RC-9000	TRANSCEIVER REMOTE CONTROL	NOTE 11	TECHNISONIC INDUSTRIES	1.0 LBS	305
														1	101263-D-93-()	FM TRANCEIVER - TDFM-9300		TECHNISONIC INDUSTRIES	7.0 LBS	304	
															101263-D-92-()	FM TRANCEIVER - TDFM-9200		TECHNISONIC INDUSTRIES	7.0 LBS	303	
														1	101263-D-90-()	FM TRANCEIVER - TDFM-9000		TECHNISONIC INDUSTRIES	7.0 LBS	302	
											1	1	1	1	SRA-6000	SWITCH RECEIVER ATTENUATOR		TECHNISONIC INDUSTRIES		301	

-071	-069	-067	-065	-063	-061	-059	-057	-055	-053	-051	-007	-005	-003	-001	NUMBER	DESCRIPTION	MATERIAL	SPEC	SIZE	ITEM
QUANTITY/DASH NO															LIST OF MATERIAL					

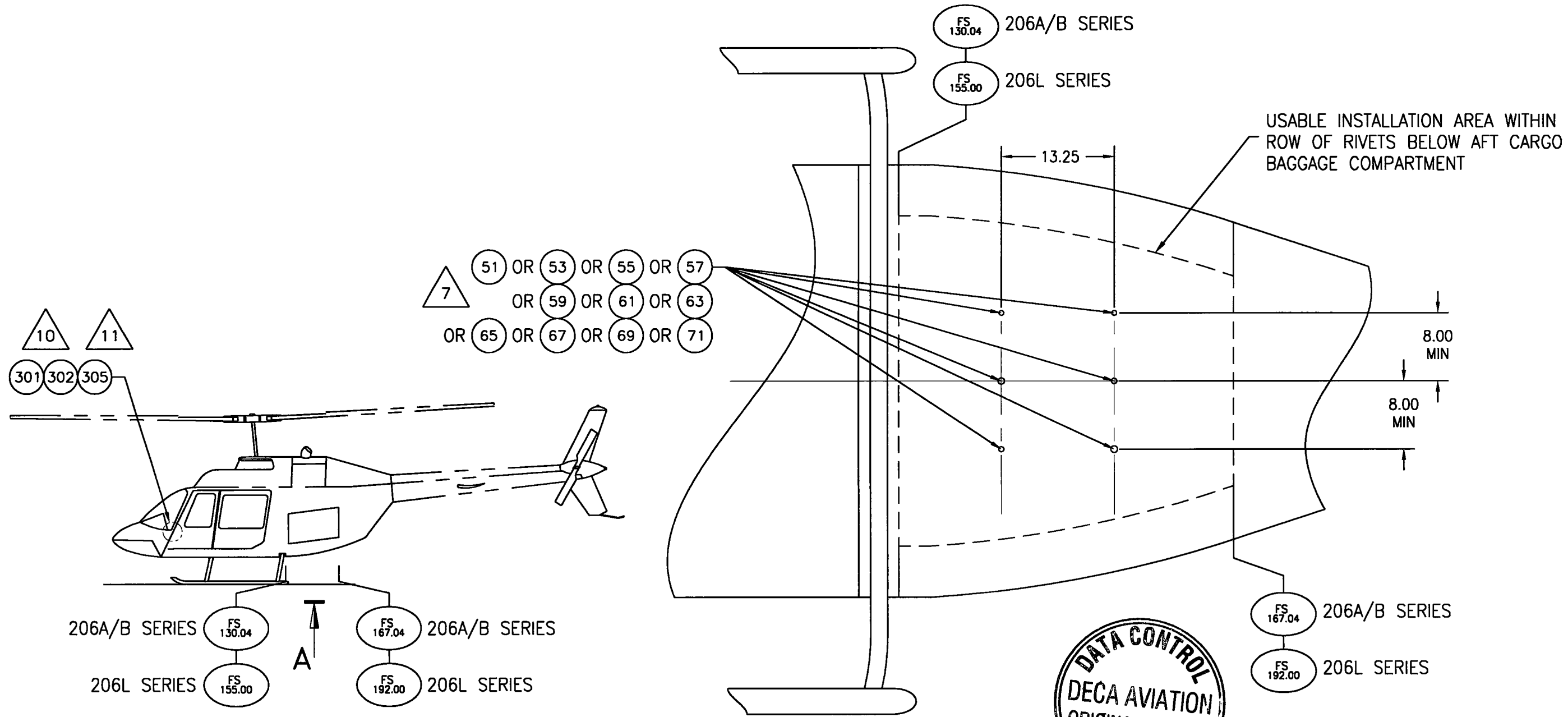
ODD DASH NUMBER IS SHOWN. THE NEXT HIGHER CONSECUTIVE EVEN DASH NUMBER IS OPPOSITE.

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 TEL (905) 405-1371 FAX (905) 405-1373

**TDFM 9000 ANTENNA INSTL.
 BELL 206**

SIZE: B DWG NUMBER: 5004271 REV: D
 SCALE: NTS NCAE: L6518 SHEET 4 OF 19

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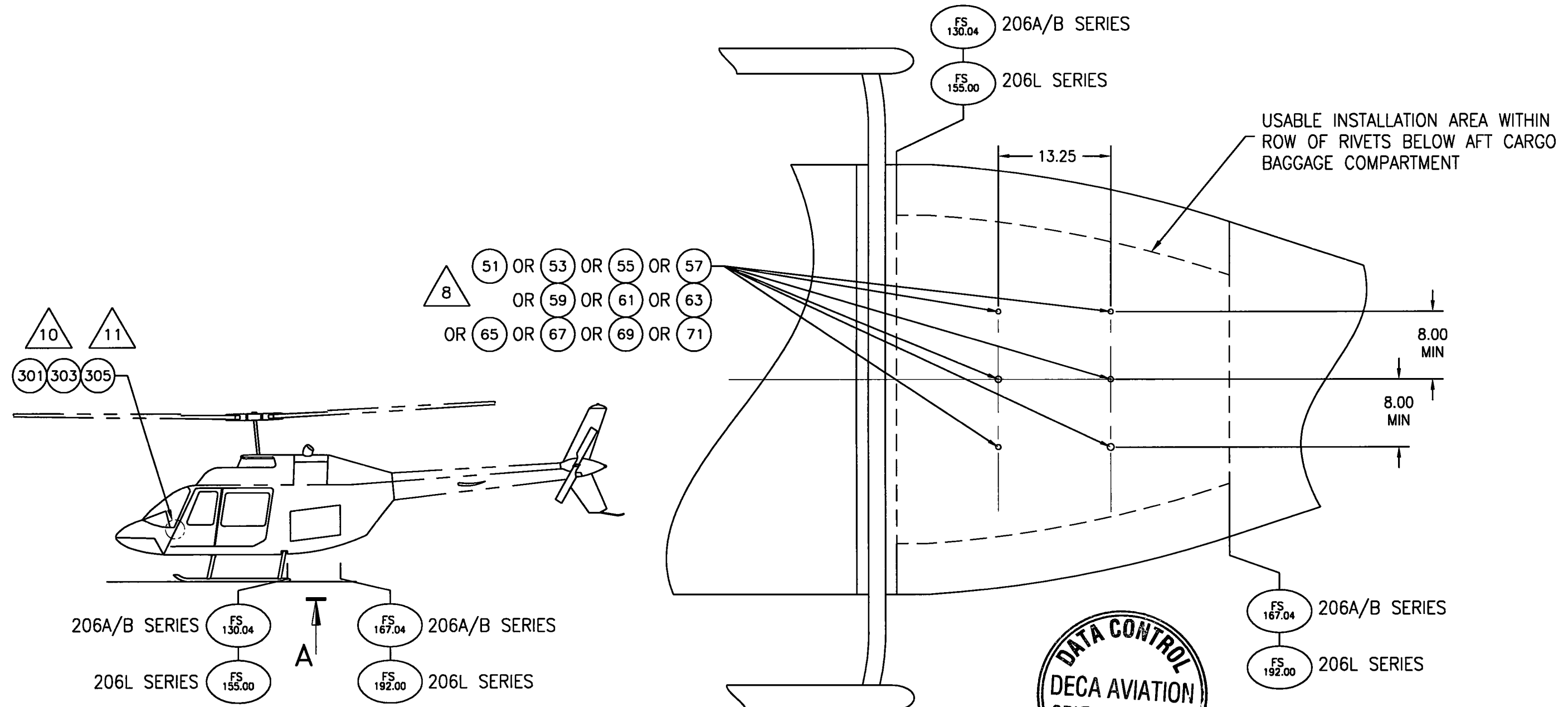
-001 TDFM 9000 INSTALLATION
 9000 CONFIGURATION
 GENERAL LAYOUT

VIEW A
 VIEW LKG UP AT
 REAR FUSELAGE PANEL SECTION

DATA CONTROL
 DECA AVIATION
 ORIGINALS IN RED
 RELEASED

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TDFM 9000 ANTENNA INSTL. BELL 206		
SIZE B	DWG NUMBER: 5004271	REV D
SCALE: NTS	NCAE: L6518	SHEET 5 OF 19

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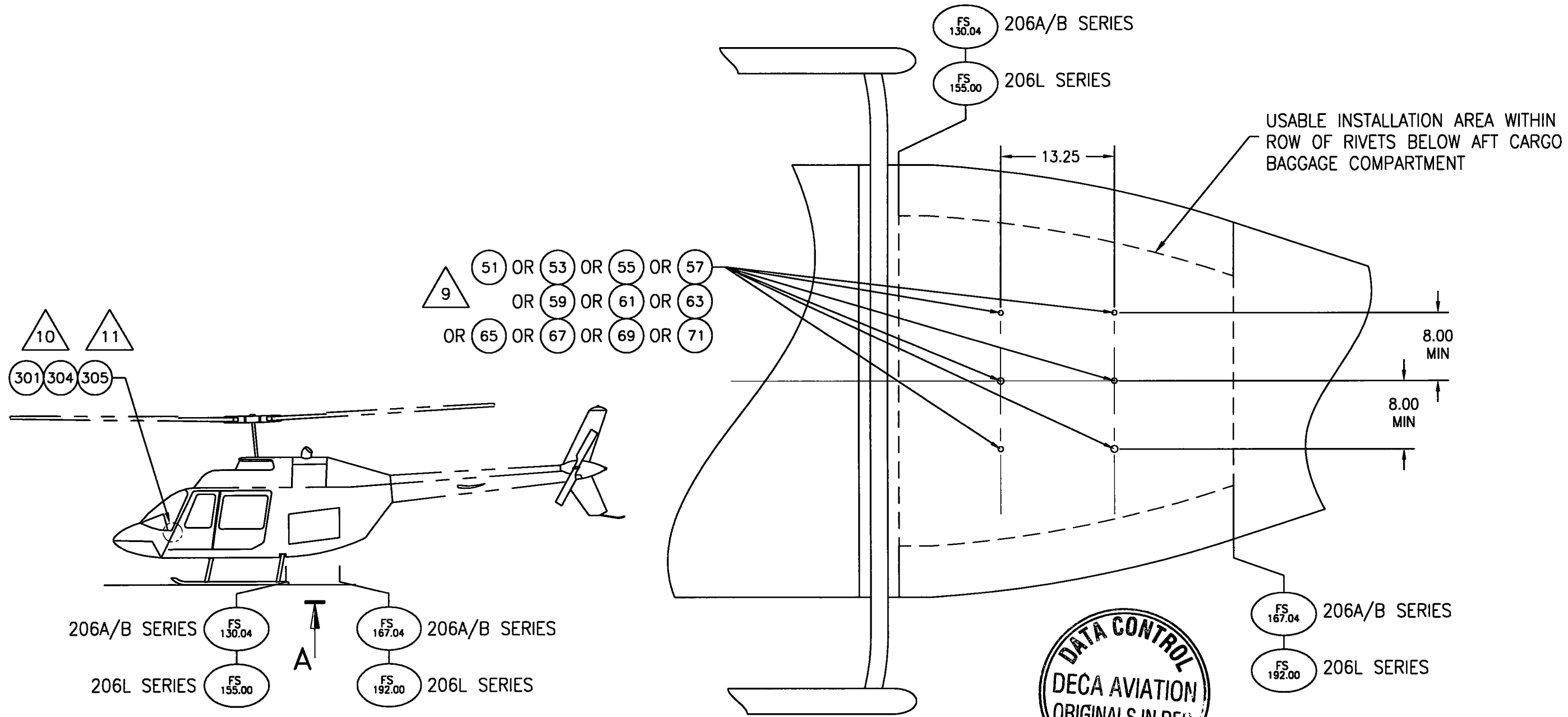


-003 TDFM 9200 INSTALLATION
 9200 CONFIGURATION
 GENERAL LAYOUT

VIEW A
 VIEW LKG UP AT
 REAR FUSELAGE PANEL SECTION

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AVIATION ENGINEERING LIMITED			TEL (905) 405-1371 FAX (905) 405-1373
TDFM 9000 ANTENNA INSTL.			
BELL 206			
SIZE B	DWG NUMBER: 5004271	REV D	
SCALE: NTS	NCAGE: L6518	SHEET 6 OF 19	

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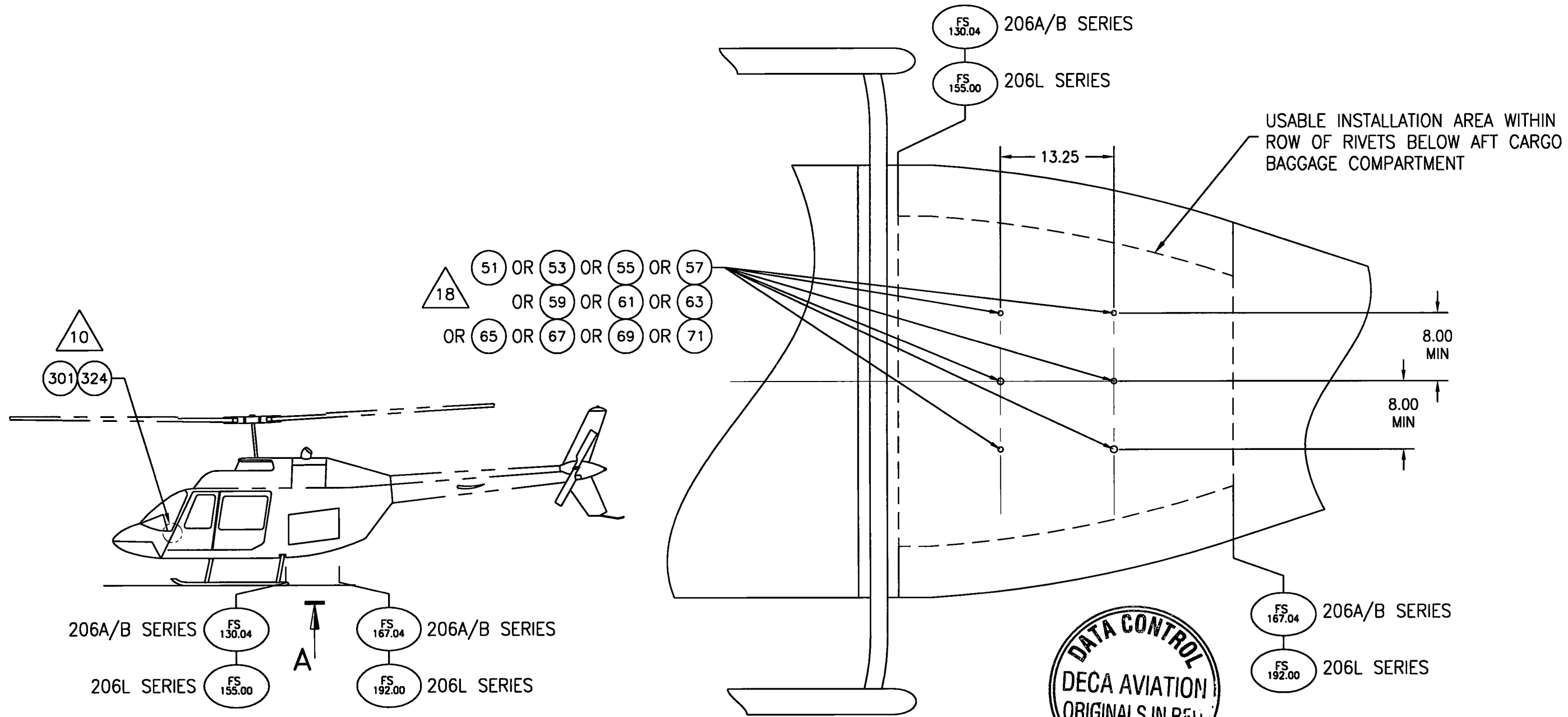
-005 TDFM 9300 INSTALLATION
 9300 CONFIGURATION
 GENERAL LAYOUT

VIEW A
 VIEW LKG UP AT
 REAR FUSELAGE PANEL SECTION

DATA CONTROL
 DECA AVIATION
 ORIGINALS IN REPLY
 RELEASED

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BELL 206			
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- △ 10
- 301 ○ 324
- △ 18
- 51 OR ○ 53 OR ○ 55 OR ○ 57
- OR ○ 59 OR ○ 61 OR ○ 63
- OR ○ 65 OR ○ 67 OR ○ 69 OR ○ 71

- 206A/B SERIES ○ FS 130.04
- 206L SERIES ○ FS 155.00
- 206A/B SERIES ○ FS 167.04
- 206L SERIES ○ FS 192.00

-007 TDFM 9100 INSTALLATION
 9100 CONFIGURATION
 GENERAL LAYOUT

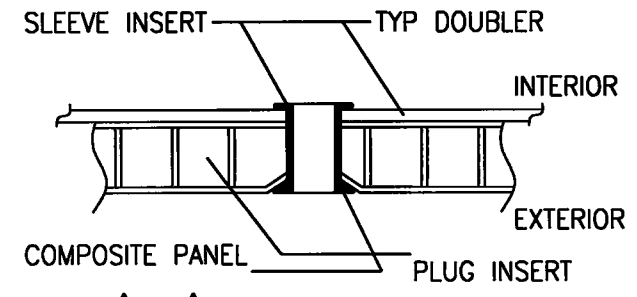


VIEW A
 VIEW LKG UP AT
 REAR FUSELAGE PANEL SECTION

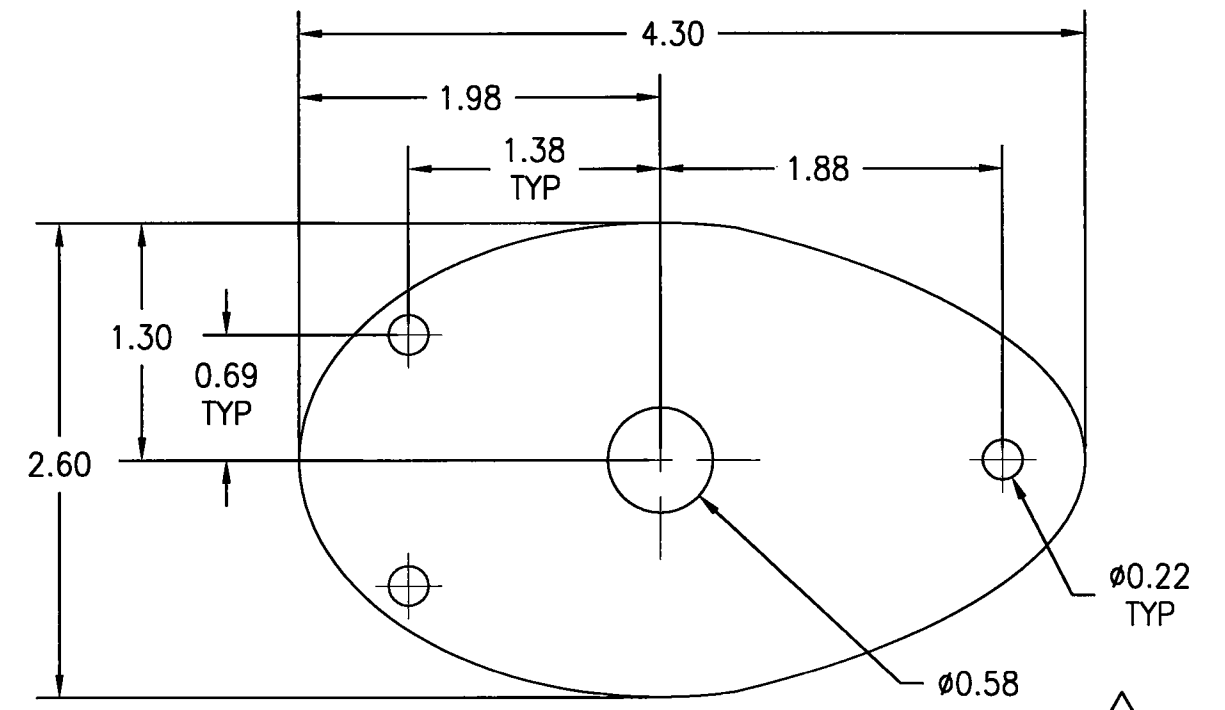
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SIZE B	DWG NUMBER: 5004271	REV D	
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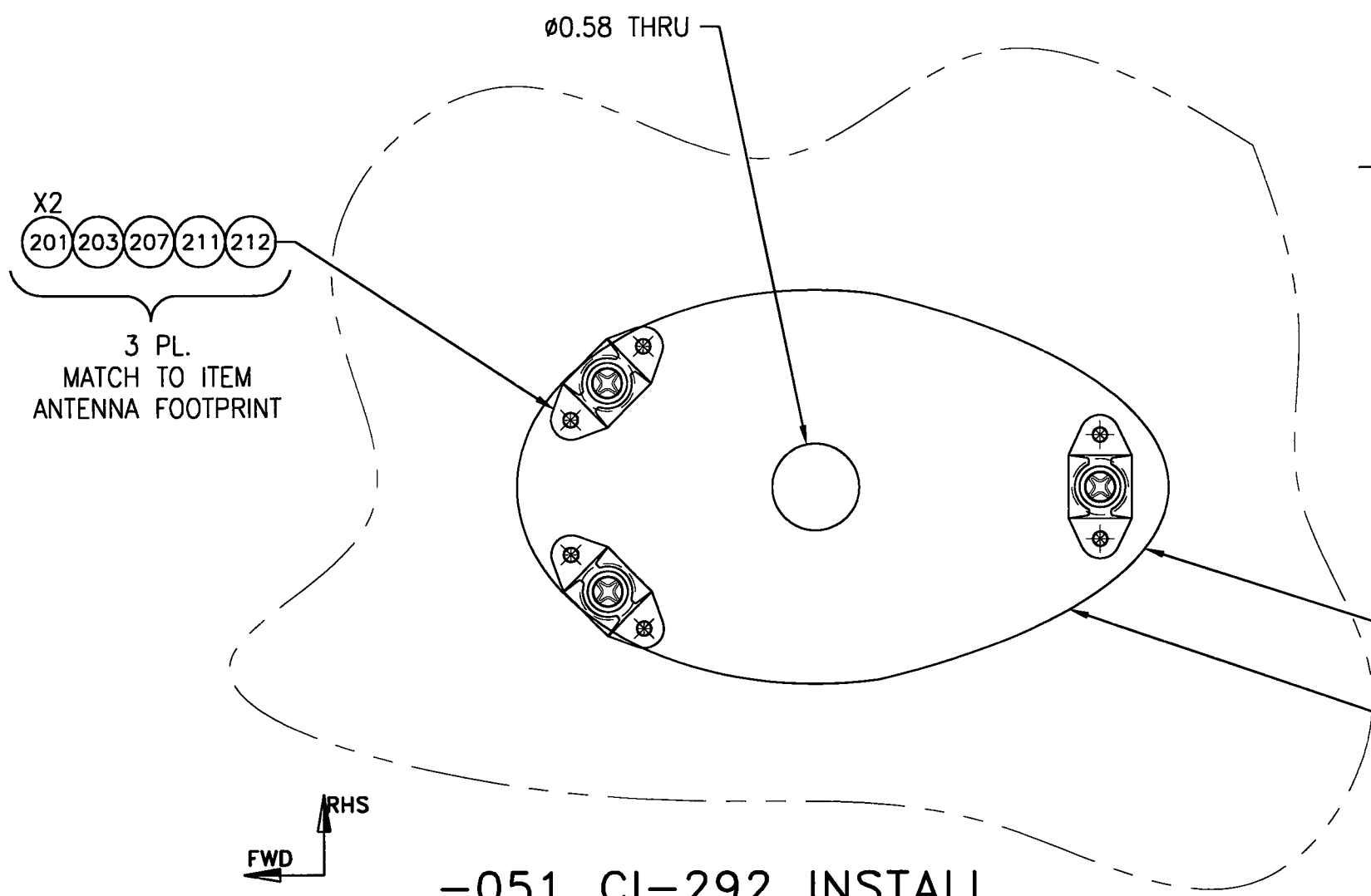
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NOTE: $\triangle 12$ $\triangle 13$
DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.
TYPICAL INSERT CROSS SECTION



-101 INTERNAL DOUBLER, CI-292



-051 CI-292 INSTALL

INTERNAL VIEW
LKG AT DOUBLER

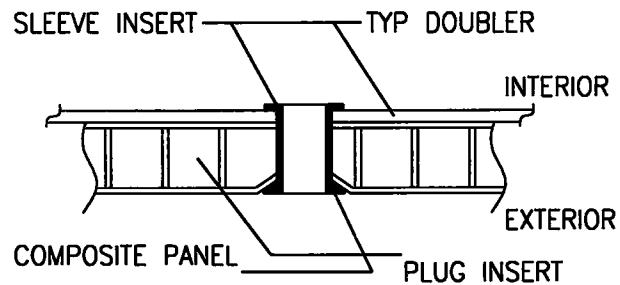
- $\triangle 14$ 101 INTERNAL SIDE
- $\triangle 14$ 306 OR 307 OR 308 EXTERNAL SIDE

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TDFM 9000 ANTENNA INSTL.
BELL 206

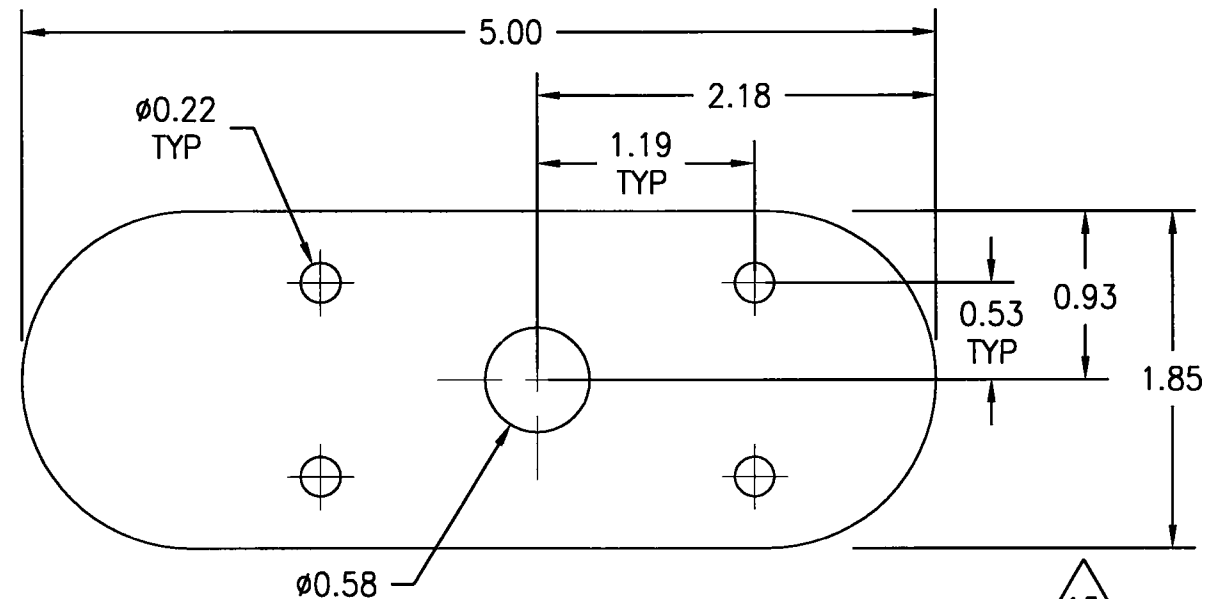
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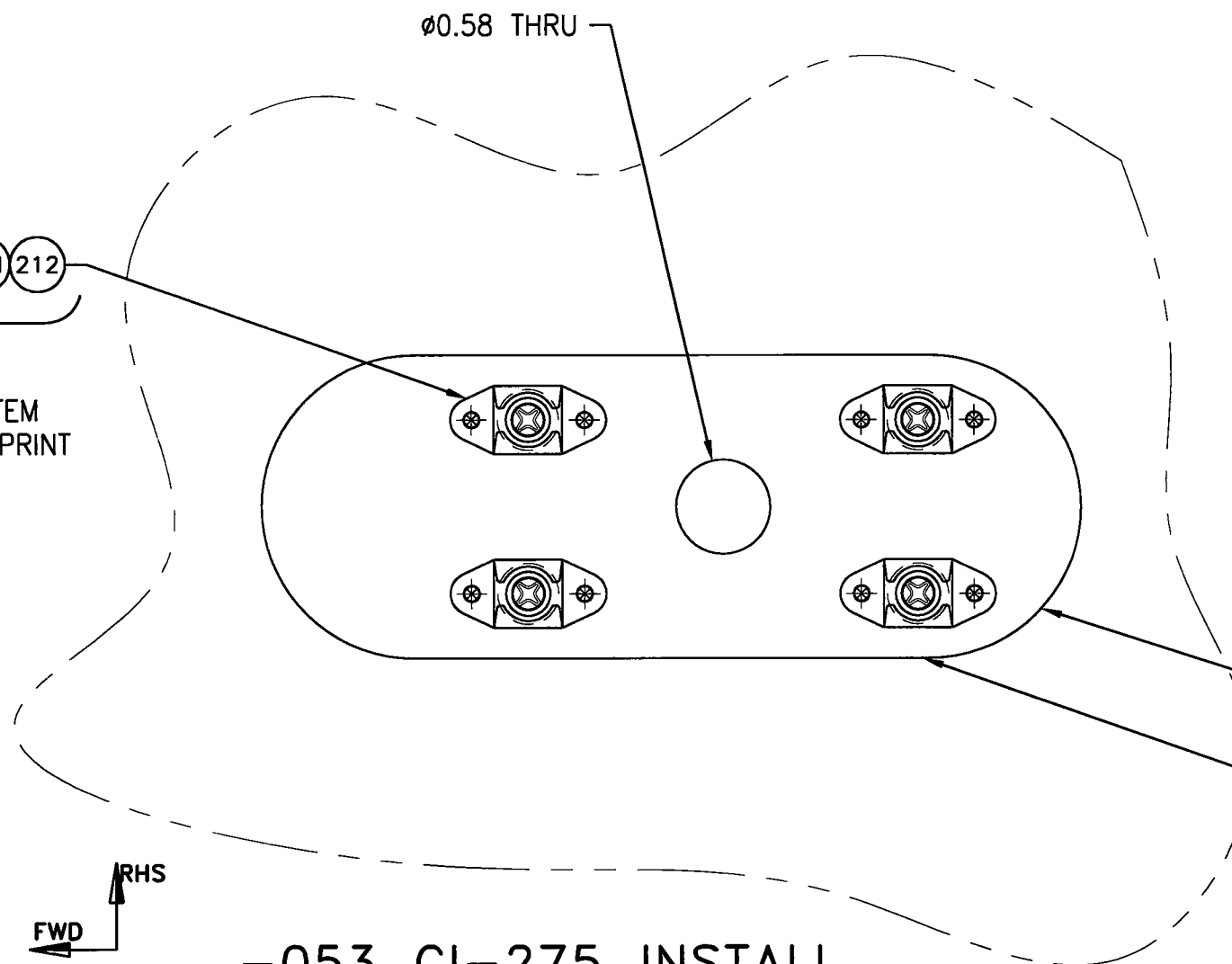
TYPICAL INSERT CROSS SECTION



-103 INTERNAL DOUBLER, CI-275



X2
 (201) (203) (207) (211) (212)
 4 PL.
 MATCH TO ITEM
 ANTENNA FOOTPRINT



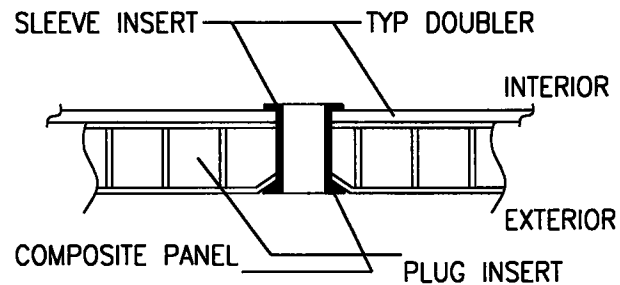
-053 CI-275 INSTALL

INTERNAL VIEW
 LKG AT DOUBLER

$\odot 103$ INTERNAL SIDE $\triangle 14$
 $\odot 309$ EXTERNAL SIDE

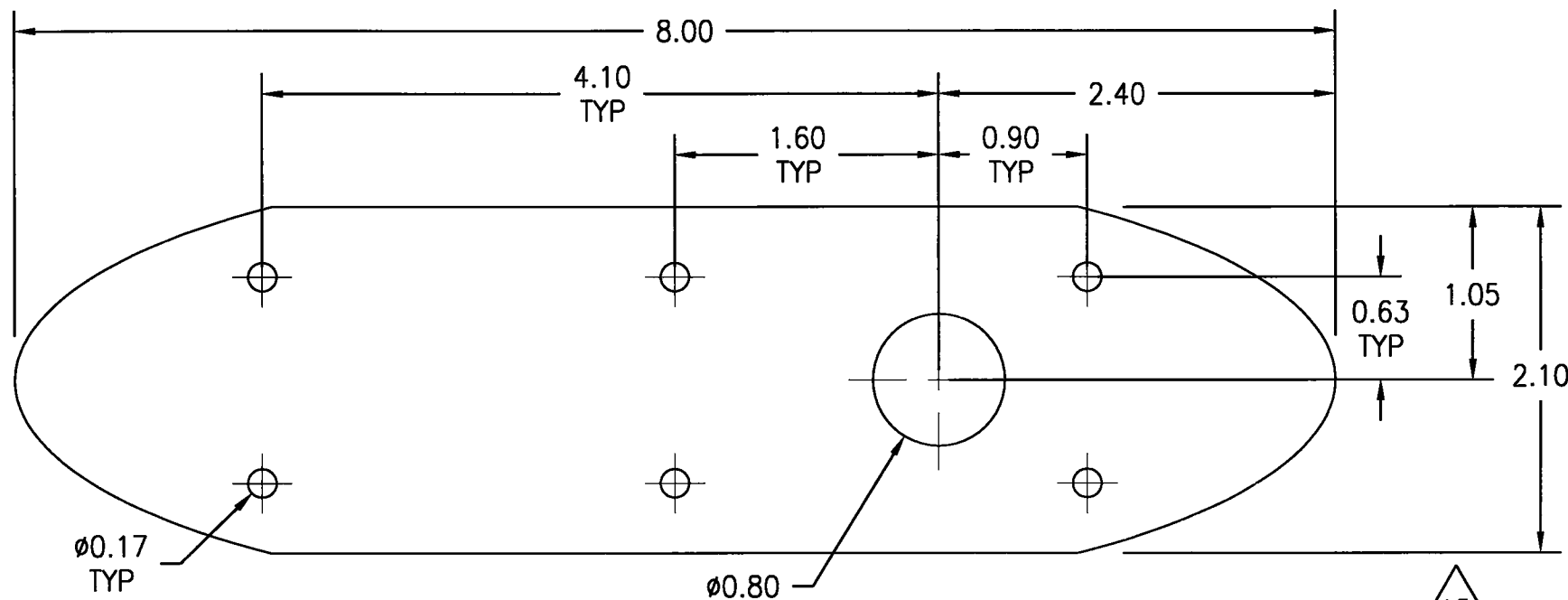
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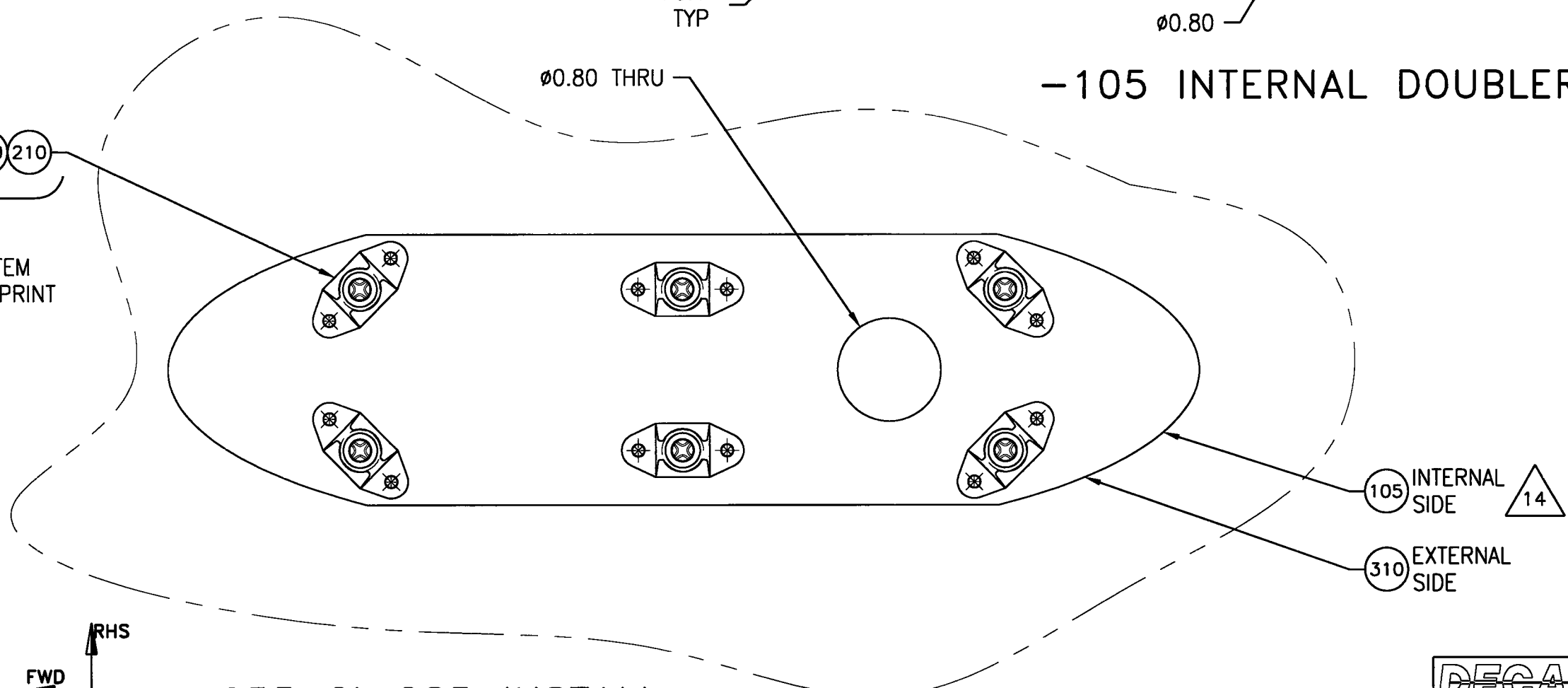
NOTE: $\triangle 12$ $\triangle 13$
 DRILL $\phi 0.278$ HOLE FOR ITEM 209/210 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



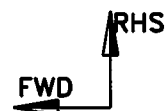
-105 INTERNAL DOUBLER, CI-285

X2
 (201) (202) (206) (209) (210)
 6 PL.
 MATCH TO ITEM
 ANTENNA FOOTPRINT



-055 CI-285 INSTALL

INTERNAL VIEW
 LKG AT DOUBLER

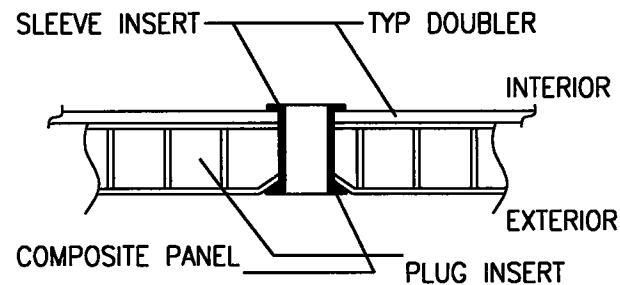


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TDFM 9000 ANTENNA INSTL.
 BELL 206

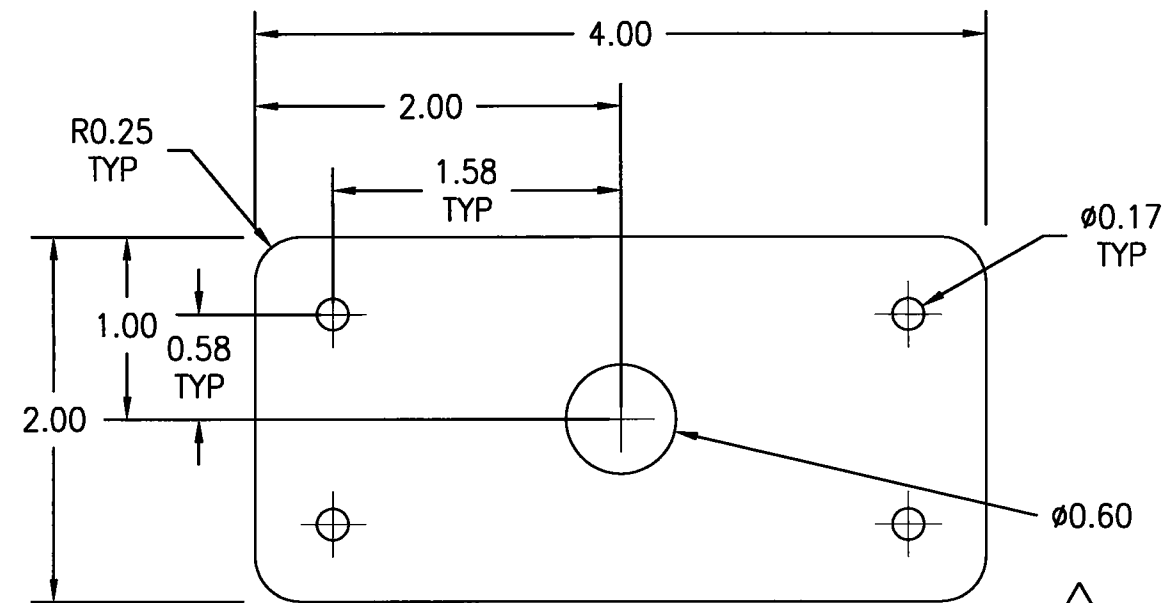
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NOTE: $\triangle 12$ $\triangle 13$
 DRILL $\phi 0.278$ HOLE FOR ITEM 209/210 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

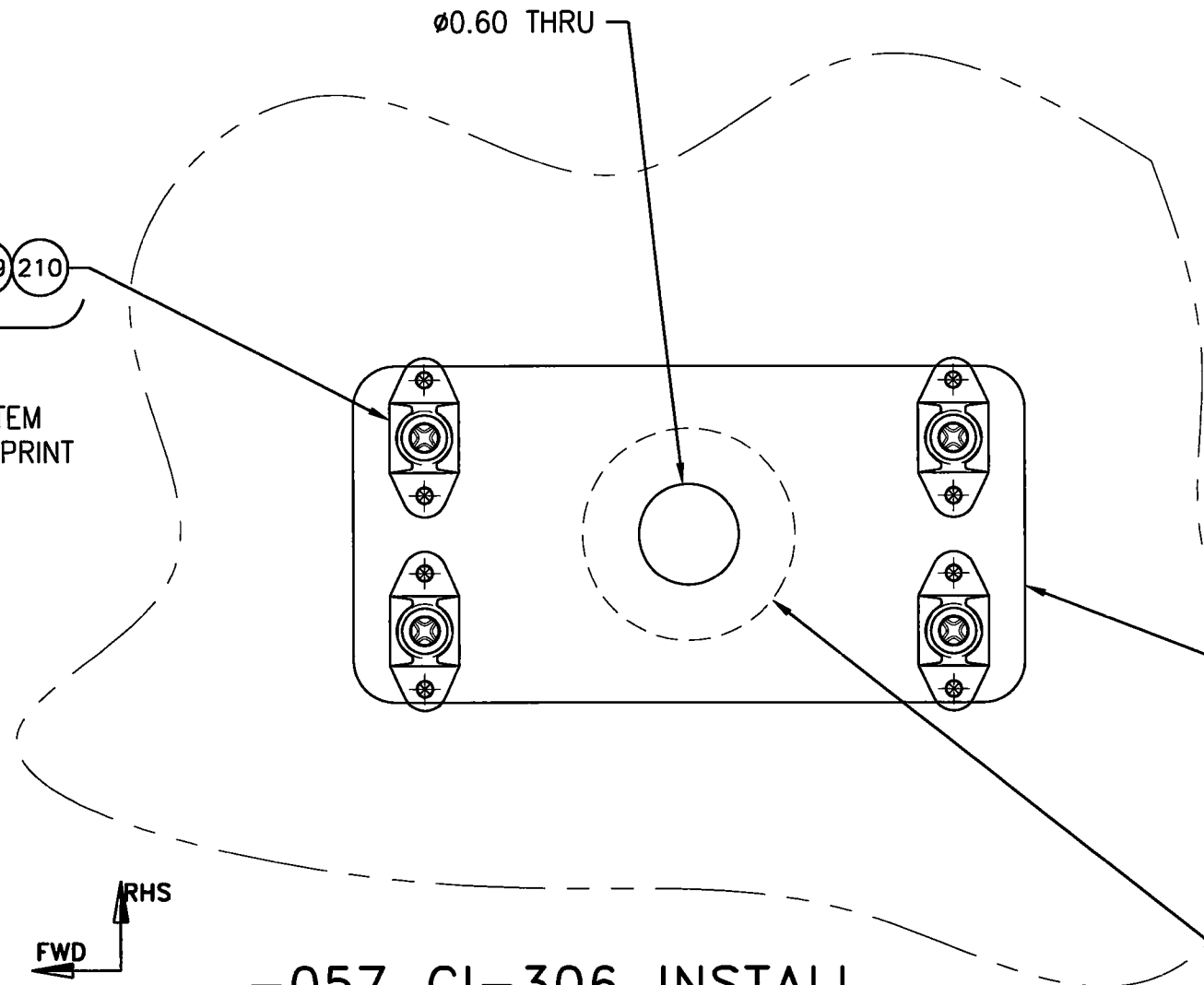
TYPICAL INSERT CROSS SECTION



-107 INT/EXT DOUBLER, CL-306



X2
 201 202 206 209 210
 4 PL.
 MATCH TO ITEM
 ANTENNA FOOTPRINT



-057 CI-306 INSTALL

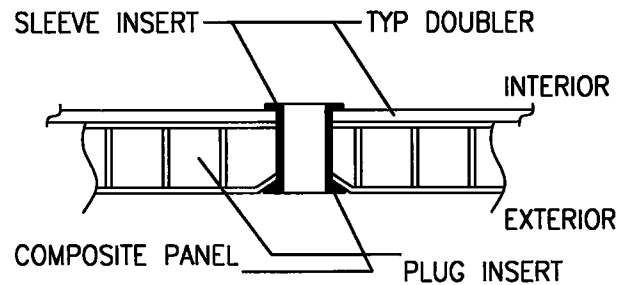
INTERNAL VIEW
 LKG AT DOUBLER

$\odot 107$ INTERNAL/EXTERNAL SIDE $\triangle 14$

$\triangle 16$
 $\odot 311$ OR $\odot 312$ EXTERNAL SIDE

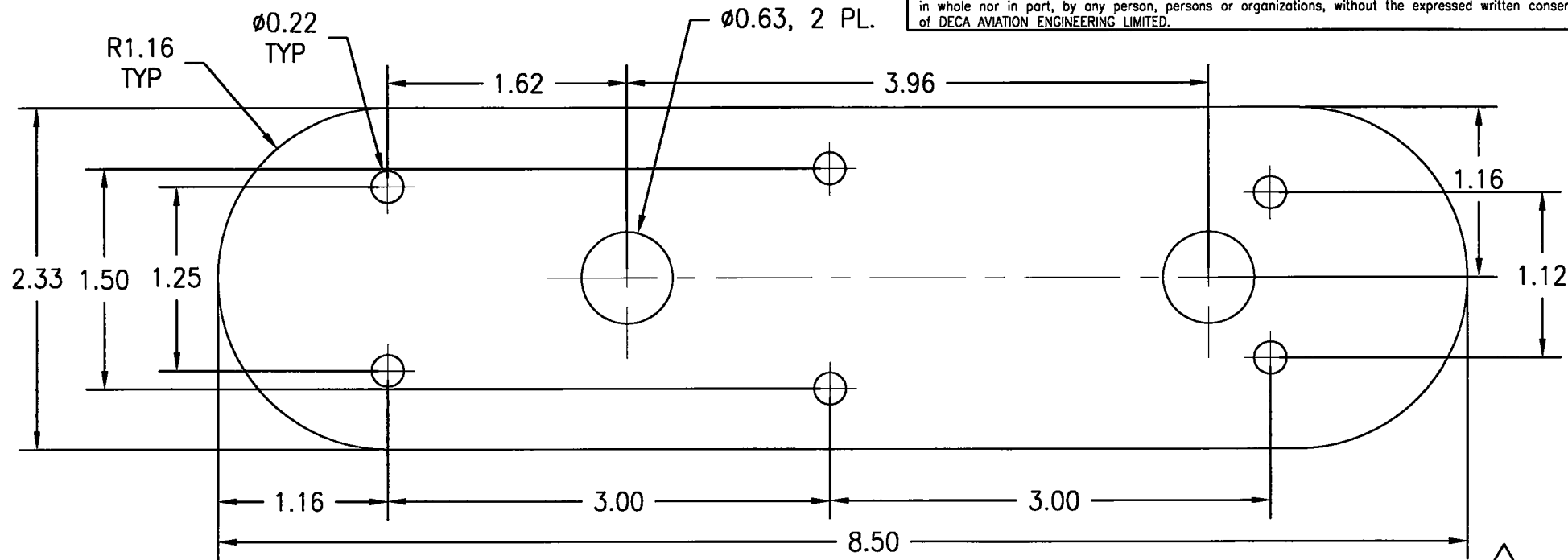
DECA		200-7050 TELFORD WAY MISSISSAUGA, ONTARIO CANADA L5S 1V7	
AVIATION ENGINEERING LIMITED		TEL (905) 405-1371 FAX (905) 405-1373	
TDFM 9000 ANTENNA INSTL. BELL 206			
SIZE B	DWG NUMBER: 5004271	REV D	
SCALE: NTS	NCAGE: L6518	SHEET 12 OF 19	

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NOTE: $\triangle 12$ $\triangle 13$
 DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



-109 INTERNAL DOUBLER, CI-295

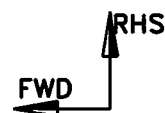
X2
 (201) (205) (207) (211) (212)
 6 PL.
 MATCH TO ITEM
 ANTENNA FOOTPRINT

$\phi 0.63$ THRU
 2 PL.



(109) INTERNAL SIDE $\triangle 14$

(313) OR (314) EXTERNAL SIDE



-059 CI-295 INSTALL

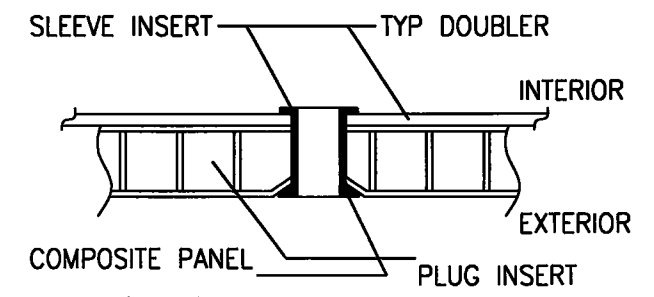
INTERNAL VIEW
 LKG AT DOUBLER

DECA 200-7050 TELFORD WAY
 MISSISSAUGA, ONTARIO
 CANADA L5S 1V7
 AVIATION ENGINEERING LIMITED TEL (905) 405-1371 FAX (905) 405-1373

TDFM 9000 ANTENNA INSTL.
 BELL 206

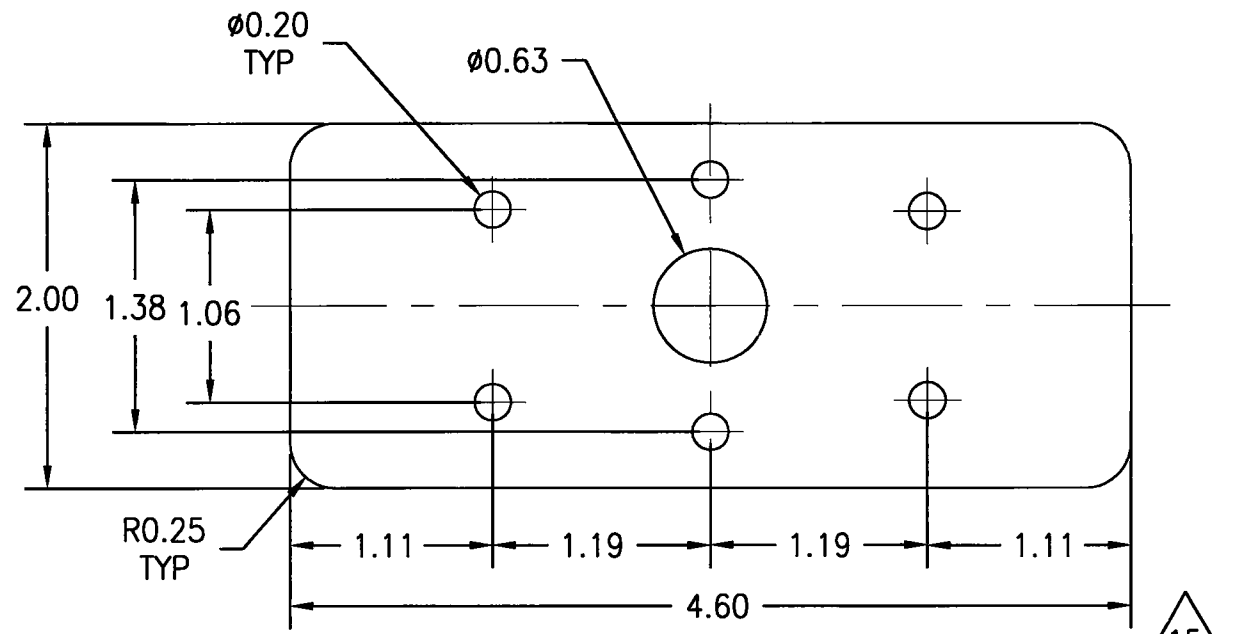
SIZE B	DWG NUMBER: 5004271	REV D
SCALE: NTS	NCAGE: L6518	SHEET 13 OF 19

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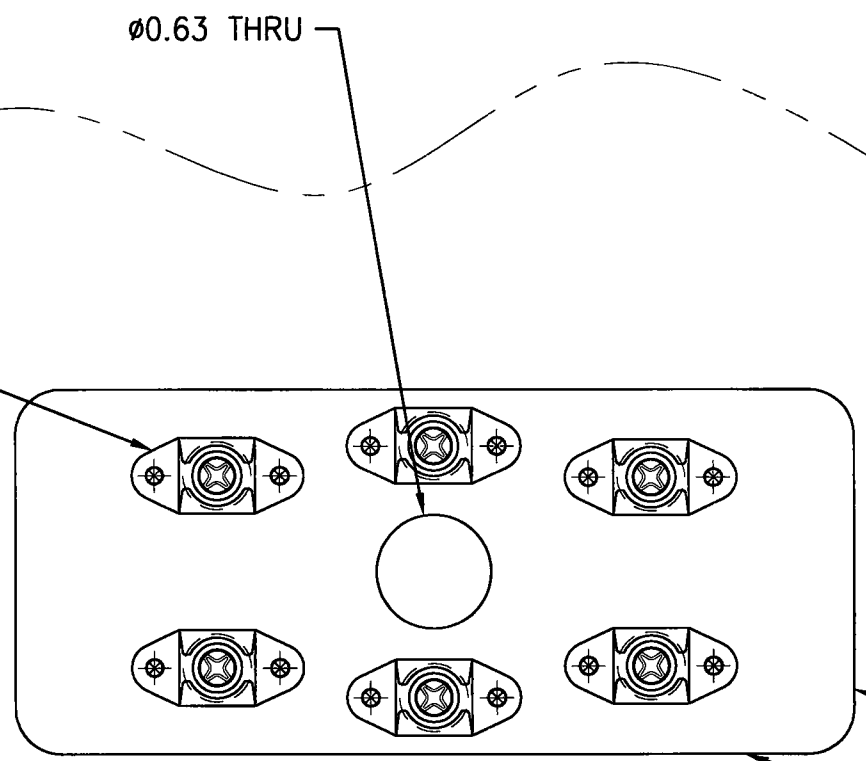
NOTE: $\triangle 12$ $\triangle 13$
 DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



-111 INTERNAL DOUBLER, 21-50-45

X2
 201 203 207 211 212
 6 PL.
 MATCH TO ITEM
 ANTENNA FOOTPRINT



$\odot 111$ INTERNAL SIDE $\triangle 14$
 $\odot 315$ EXTERNAL SIDE



-061 21-50-45 INSTALL

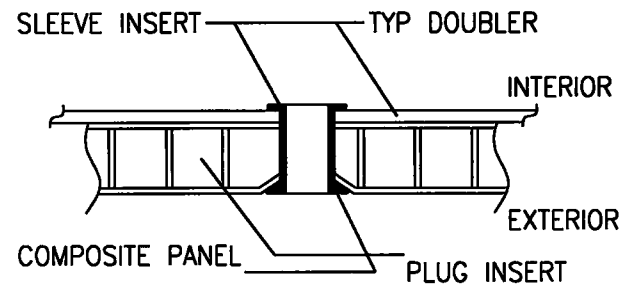
INTERNAL VIEW
 LKG AT DOUBLER

DECA 200-7050 TELFORD WAY
 MISSISSAUGA, ONTARIO
 CANADA L5S 1V7
 AVIATION ENGINEERING LIMITED TEL (905) 405-1371 FAX (905) 405-1373

TDFM 9000 ANTENNA INSTL.
 BELL 206

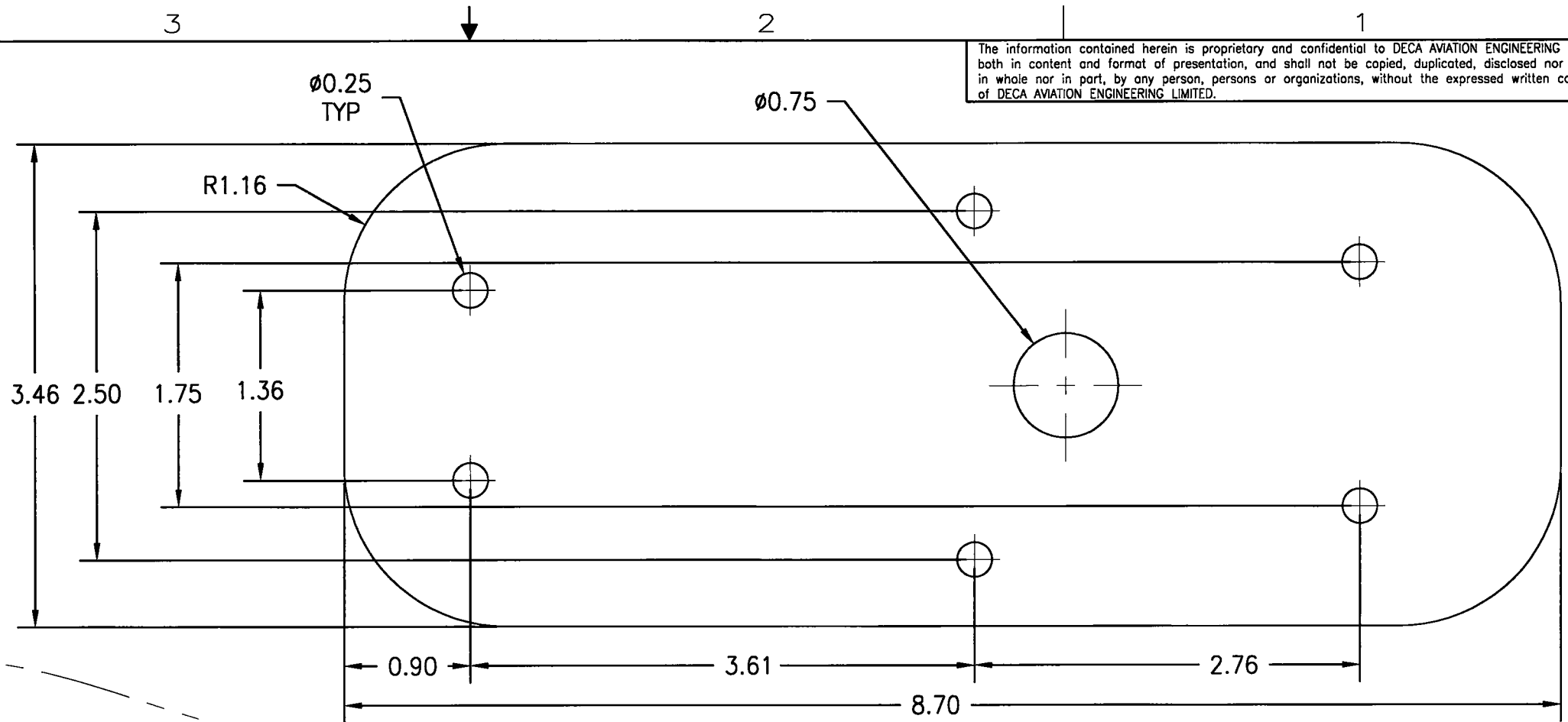
SIZE B	DWG NUMBER: 5004271	REV D
SCALE: NTS	NCAGE: L6518	SHEET 14 OF 19

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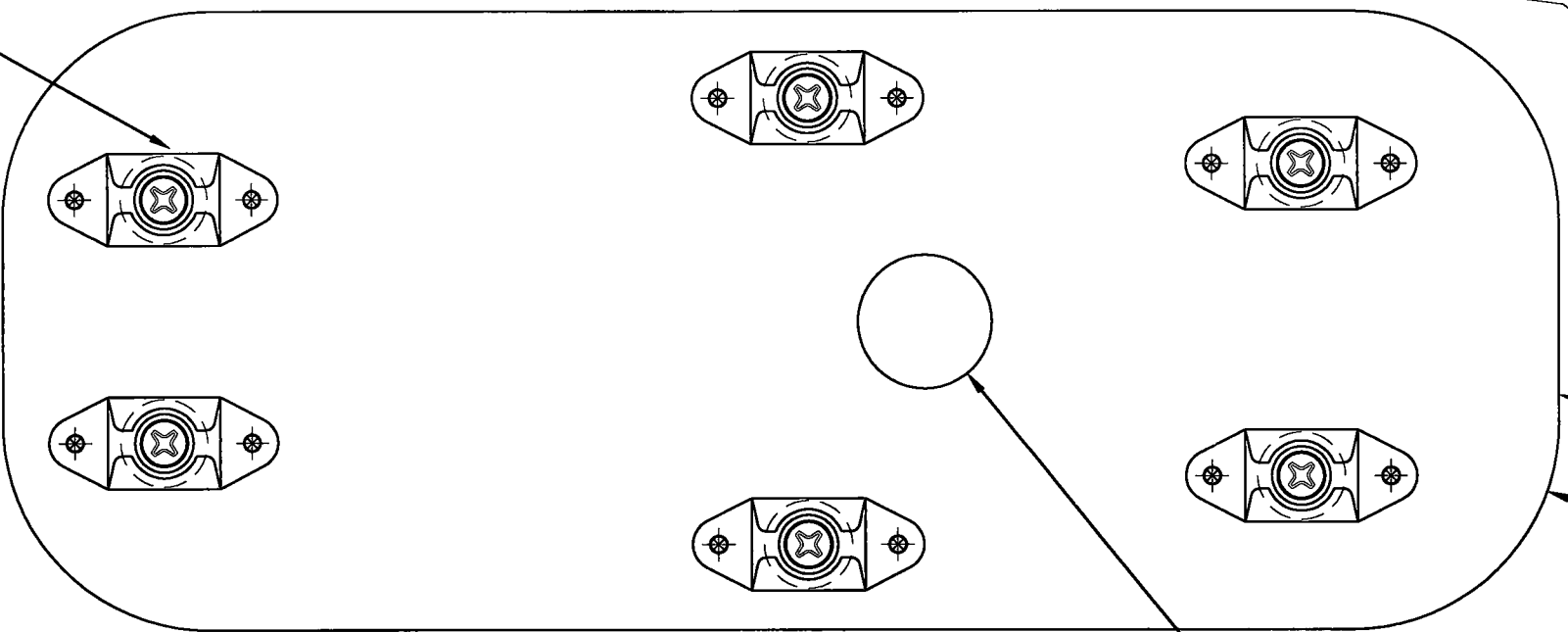


NOTE: $\triangle 12$ $\triangle 13$
DRILL $\phi 0.372$ HOLE FOR ITEM 213/214 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



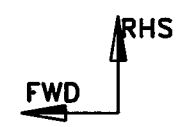
X2
201 204 208 213 214
6 PL.
MATCH TO ITEM
ANTENNA FOOTPRINT



$\triangle 15$ -113 INTERNAL DOUBLER, AV-925



$\circ 113$ INTERNAL SIDE $\triangle 14$
 $\circ 316$ EXTERNAL SIDE

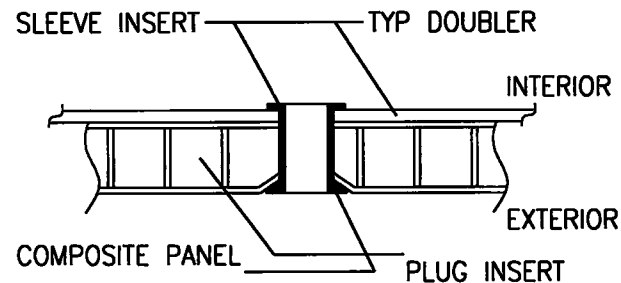


-063 AV-925 INSTALL

INTERNAL VIEW
LKG AT DOUBLER

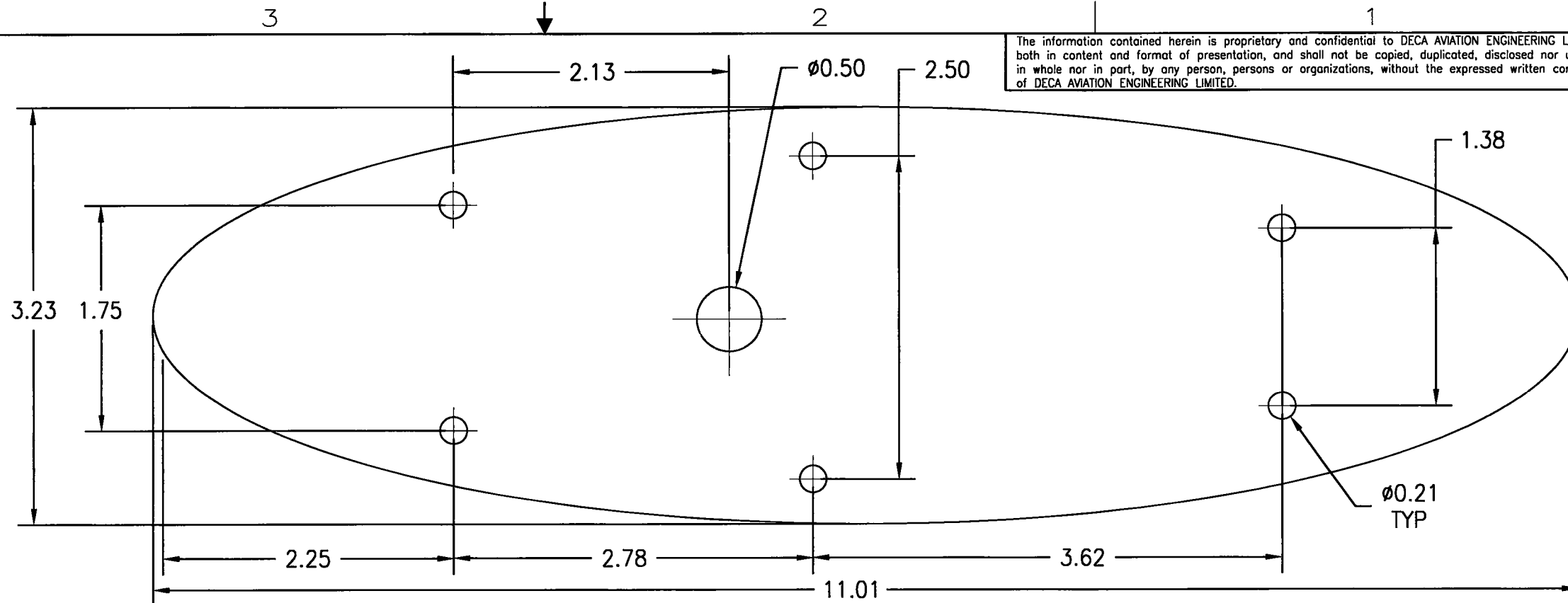
DECA		200-7050 TELFORD WAY MISSISSAUGA, ONTARIO CANADA L5S 1V7	
AVIATION ENGINEERING LIMITED		TEL (905) 405-1371 FAX (905) 405-1373	
TDFM 9000 ANTENNA INSTL. BELL 206			
SIZE B	DWG NUMBER: 5004271	REV D	
SCALE: NTS	NCAGE: L6518	SHEET 15 OF 19	

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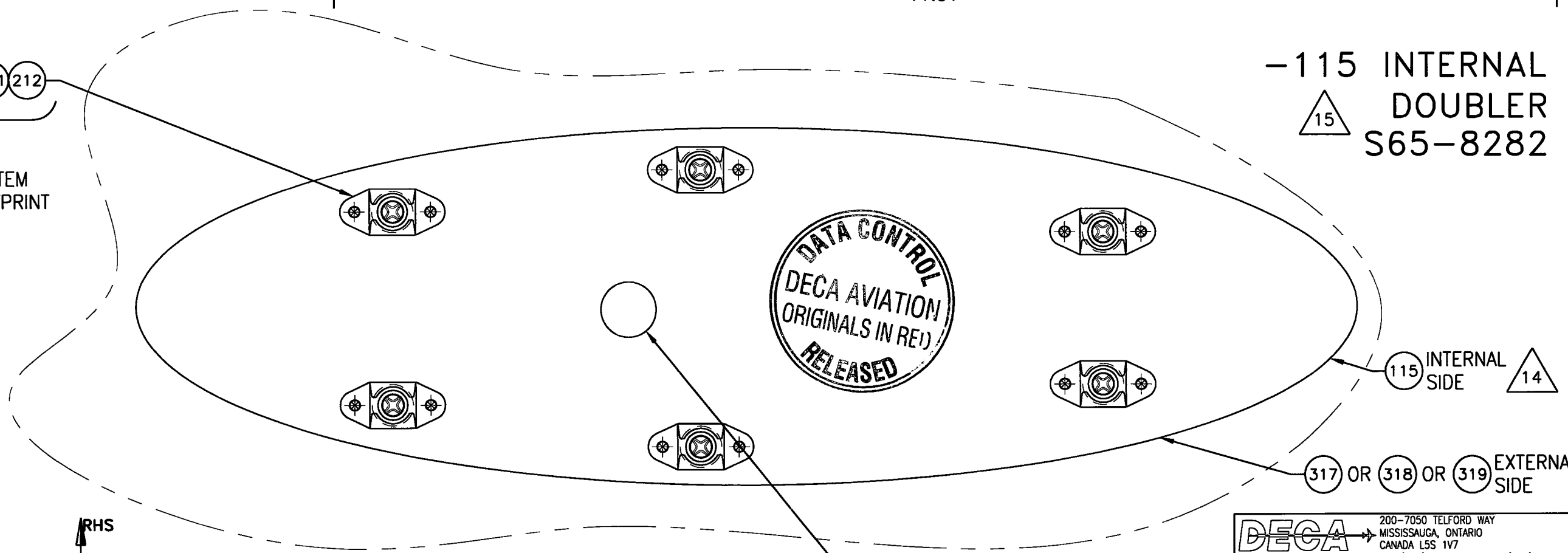
NOTE: $\triangle 12$ $\triangle 13$
DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



X2
201 203 207 211 212
6 PL.
MATCH TO ITEM
ANTENNA FOOTPRINT

-115 INTERNAL DOUBLER
 $\triangle 15$
S65-8282



RHS
FWD

-065 S65-8282 INSTALL

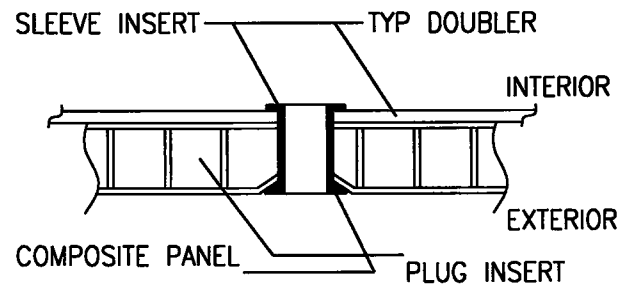
INTERNAL VIEW
LKG AT DOUBLER

DECA 200-7050 TELFORD WAY
MISSISSAUGA, ONTARIO
CANADA L5S 1V7
AVIATION ENGINEERING LIMITED TEL (905) 405-1371 FAX (905) 405-1373

TDFM 9000 ANTENNA INSTL.
BELL 206

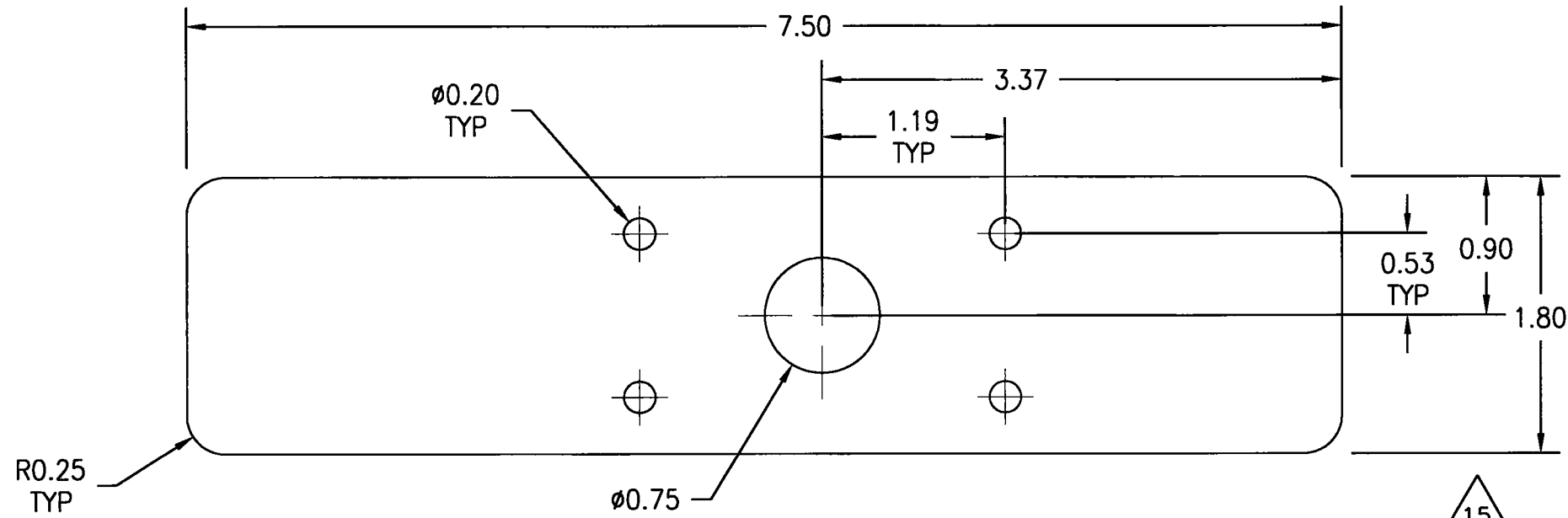
SIZE B	DWG NUMBER: 5004271	REV D
SCALE: NTS	NCAGE: L6518	SHEET 16 OF 19

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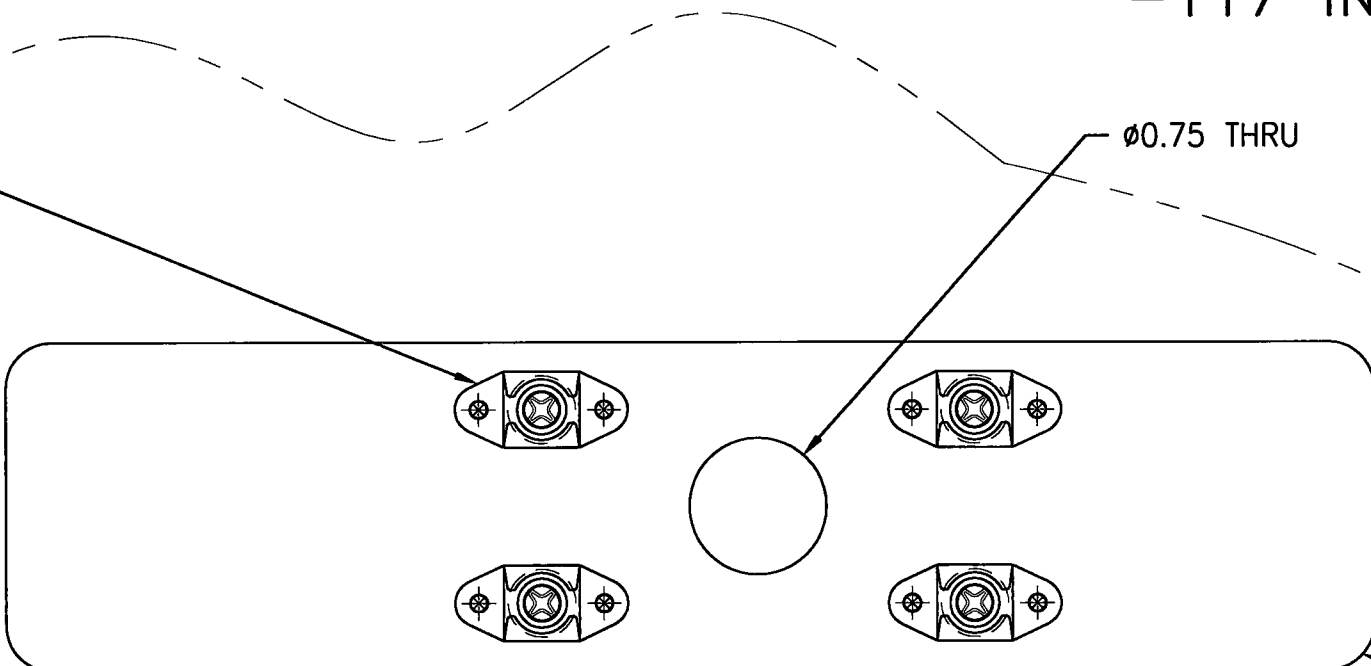
NOTE: $\triangle 12$ $\triangle 13$
DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

TYPICAL INSERT CROSS SECTION



-117 INTERNAL DOUBLER, S65-1227

X2
201 205 207 211 212
4 PL.
MATCH TO ITEM
ANTENNA FOOTPRINT



$\triangle 14$ INTERNAL SIDE
 $\triangle 14$ EXTERNAL SIDE
320 OR 321

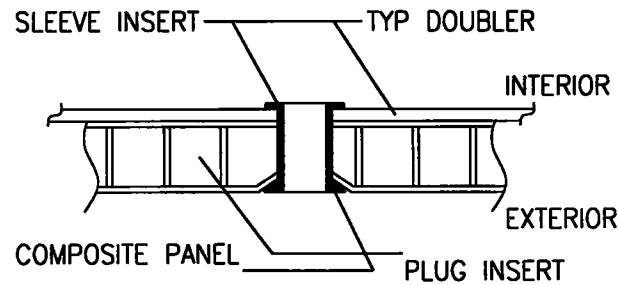
RHS
FWD

-067 S65-1227 INSTALL

INTERNAL VIEW
LKG AT DOUBLER

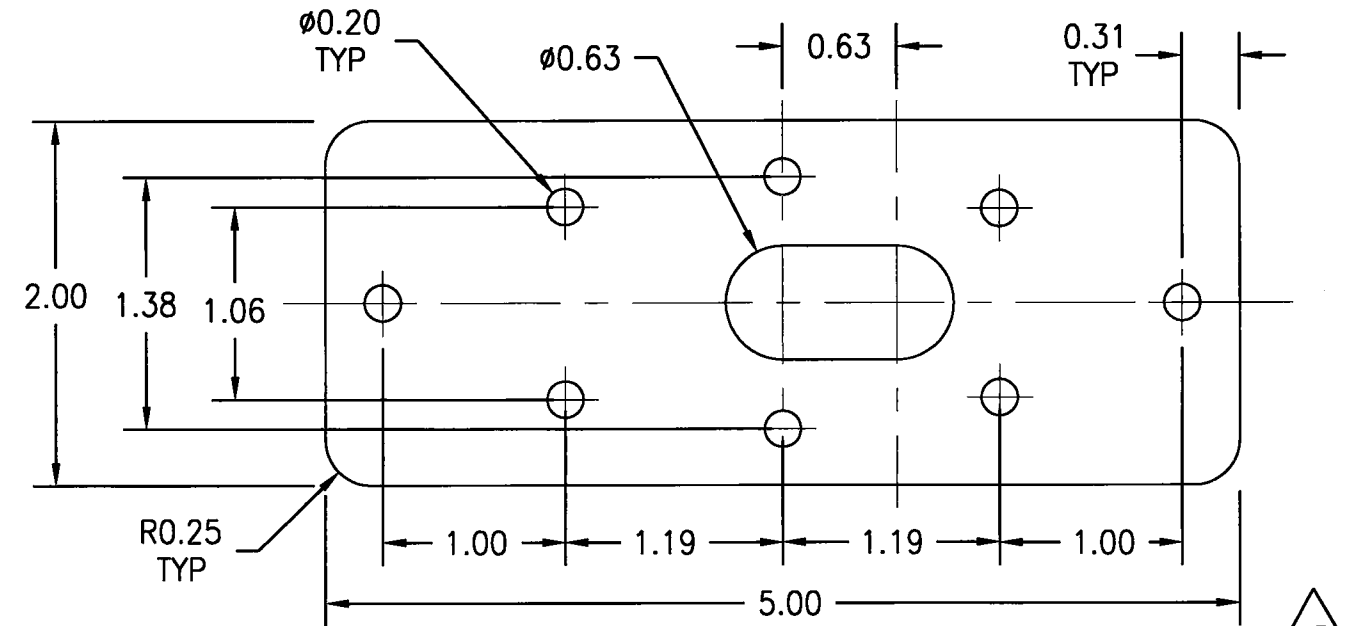
DECA		200-7050 TELFORD WAY MISSISSAUGA, ONTARIO CANADA L5S 1V7	
AVIATION ENGINEERING LIMITED		TEL (905) 405-1371 FAX (905) 405-1373	
TDFM 9000 ANTENNA INSTL. BELL 206			
SIZE B	DWG NUMBER: 5004271	REV D	
SCALE: NTS	NCAGE: L6518	SHEET 17 OF 19	

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NOTE: $\triangle 12$ $\triangle 13$
DRILL $\phi 0.309$ HOLE FOR ITEM 211/212 INSERT ON COMPOSITE PANEL. APPLY PRESSURE TO OPPOSING SIDES OF INSERT USING A HAND ARBOR PRESS. PRESSURE NOT TO EXCEED 1800 LBS. SKIN WILL DIMPLE AUTOMATICALLY.

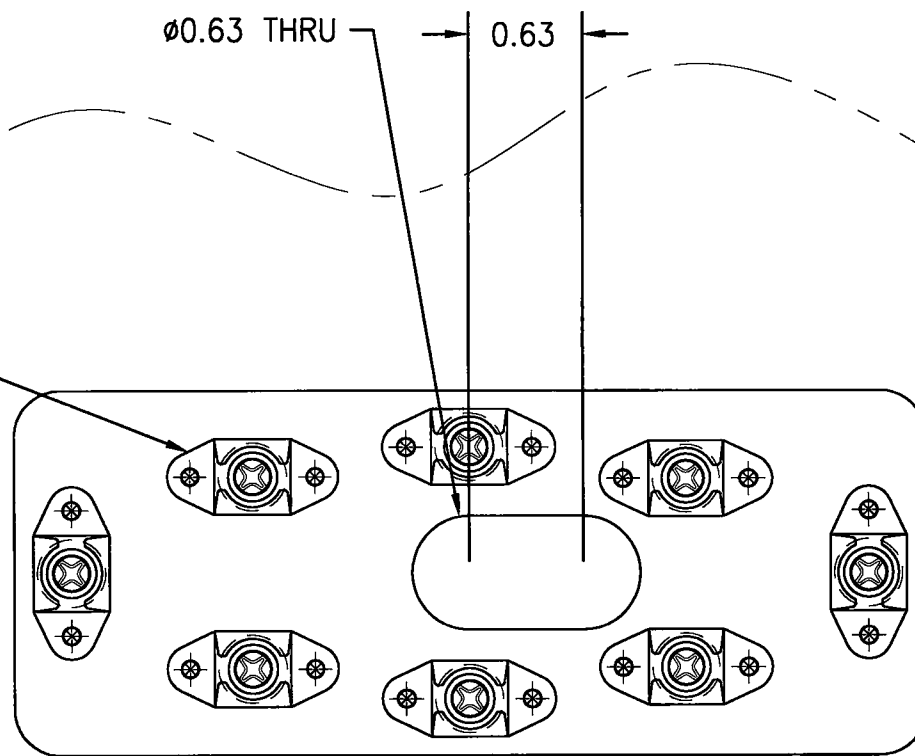
TYPICAL INSERT CROSS SECTION



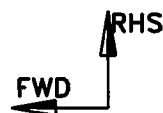
-119 INTERNAL DOUBLER, AT-256



X2
201 203 207 211 212
8 PL.
MATCH TO ITEM
ANTENNA FOOTPRINT



$\triangle 14$
119 INTERNAL SIDE
322 EXTERNAL SIDE



-069 AT-256 INSTALL

INTERNAL VIEW
LKG AT DOUBLER

DECA		200-7050 TELFORD WAY MISSISSAUGA, ONTARIO CANADA L5S 1V7	
AVIATION ENGINEERING LIMITED		TEL (905) 405-1371 FAX (905) 405-1373	
TDFM 9000 ANTENNA INSTL. BELL 206			
SIZE B	DWG NUMBER: 5004271	REV D	
SCALE: NTS	NCAGE: L6518	SHEET 18 OF 19	