



REV	DESCRIPTION	DATE	APPROVED
A	RELEASED DRAWING	06/13/05	DH106/13/05
B	REF ECN 06095	12/08/08	DH120/09/08
C	REF ECN 17055	05/18/17	DH051/18/17
D	REF ECN 19078	07/15/19	DH87/15/19

DATE	APPROVALS	CONTRACT NO.
06/13/05	H. HIGHER	
12/08/08	CHECK	
05/18/17	D. HOLLOWAY	
07/15/19	DC	
06/13/05	S. ADAMS	
06/13/05	D. HOLLOWAY	

UNLESS OTHERWISE SPECIFIED	CONTRACT NO.
TOLERANCES ARE IN INCHES	
FRACTIONS - 1/16 ANGLES - 1°	
MACHINE FINISH 125/PER ANS B41	
CHECK HOLLOWAY	
SHARP EDGES 0.015 MAX	
MEET DIMENSIONS BEFORE PLATING	
MATERIAL: ...	
DO NOT SCALE DRAWING	
SCALE: ...	
SHEET: 1 OF 1	

- NOTES: UNLESS OTHERWISE SPECIFIED.
- APPLICATION: MARKER BEACON RECEIVER OPERATION AT 75 MHz INTENDED FOR BOTTOM FUSELAGE MOUNTING.
 - POLARIZATION: PARALLEL TO THE MOUNTING PLANE.
 - PATTERN: PRIMARILY DOWNWARD.
 - IMPEDANCE: 50 OHMS
 - VSWR: LESS THAN 1.21 AT 75 MHz
 - RETURN LOSS: -11.7 dB
 - TO: CS64 (INCOMPLETE SYSTEM). CLASS A. PICA D01.38 ENV. CAT: A-ASXX-XXXXX
 - PRECIPITATION STATIC: ANTENNA ELEMENT TO BE GROUNDED FOR MINIMUM PRECIPITATION STATIC PICKUP
 - AERODYNAMIC CHARACTERISTICS: MAX. DRAG OF 0.3 LB AT 350 KNOTS. ANTENNA SHALL BE CAPABLE OF WITHSTANDING DRAG AND TURBULENCE AT SPEED UP TO 0.7 MACH
 - FINISH: WHITE POLYURETHANE PAINT, NON FLOWING, SKYDROL RESISTANT.
 - WEIGHT: 0.8 LB.
 - MAX SPEED RATING: 400 KNOTS TAS @ 25,000 FT
 - NO PAINT ON MOUNTING SURFACE AND ON MOUNTING HARDWARE CONTACT SURFACES.
 - AT 1826 INSTALLATION INSTRUCTIONS SUPPLIED WITH ANTENNA.