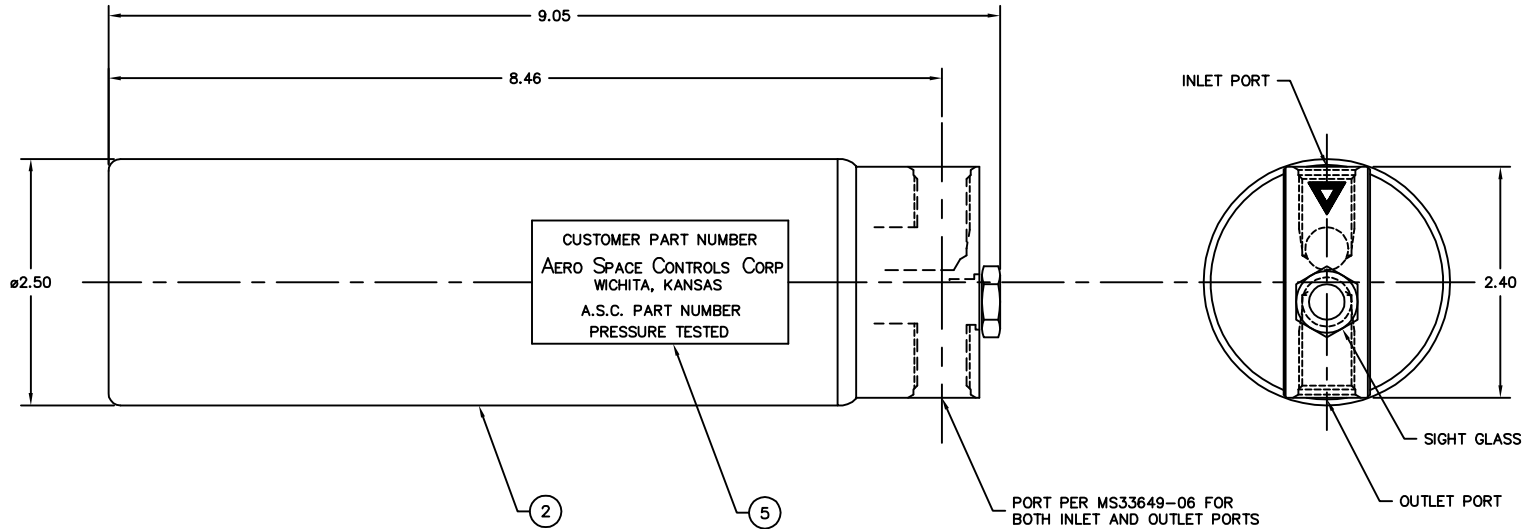


- NOTICE -

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REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC2775	J	SEE SHEET 1 FOR REVISIONS	3-5-04	D.S.



-3 CONFIGURATION

NOTES CONTINUED:

7. THE PURPOSE OF THE RECEIVER-DRYER IS TO:
 - STORE HIGH PRESSURE LIQUID REFRIGERANT FROM THE CONDENSER COIL
 - FILTER OR SCREEN THE REFRIGERANT TO PREVENT SCALE OR DIRT FROM REACHING THE EXPANSION VALVE
 - DRY OR ABSORB MOISTURE WITH A DESICCANT SUCH AS XH-7
 - PROVIDE A SIGHT GLASS TO VISUALLY DETERMINE IF ADEQUATE REFRIGERANT IS IN THE SYSTEM.
8. THE UNIT SHALL BE COMPATIBLE WITH REFRIGERANT R-12 AND 134a
9. RELIABILITY: THE SERVICE LIFE SHALL NOT BE LESS THAN 10,000 HOURS IN NORMAL AIRCRAFT USAGE WITH NO OVERHAUL REQUIRED.
10. THE UNIT MUST WITHSTAND 500 PSI INTERNAL PRESSURE - NO LEAKAGE - 1000 PSI BURST PRESSURE.
11. AMBIENT TEMPERATURE -65°F TO 165°F. OPERATIONAL TEMPERATURE 300°F MAXIMUM
12. THE UNIT SHALL BE CAPABLE OF WITHSTANDING IN-FLIGHT OPERATIONAL LOADS OF 9 G's IN ANY DIRECTION WITHOUT FAILURE.
13. THE UNIT MUST BE CLEAN AND FREE FROM FOREIGN MATERIAL, DRIED AND SEALED FOR SHIPMENT.
14. FINISH: WHITE ENAMEL, KAEPOX #63W9

QTY		ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MATL SPEC	FINISH	FINISH SPEC
-3									
LIST OF MATERIALS									
DIMENSIONAL SYMBOLS PER MIL-STD-88		UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		AERO SPACE CONTROLS CORPORATION WICHITA, KANSAS	
∩	FLATNESS & STRAIGHTNESS	1. DIMENSIONS ARE IN INCHES TOLERANCES ON		DR	D. SIMON	8-14-91		TITLE	
∠	ANGULARITY	FRACTIONS ± 1/16		CHK				RECEIVER DRYER AIR CONDITIONER	
J	PERPENDICULARITY	XX DEC ±.030		ENGR				CODE IDENT NO. SIZE DWG NO.	
	PARALLELISM	XXX DEC ±.010		APPR				C 1523258	
⊙	CONCENTRICITY	2. SURFACE ROUGHNESS PER MIL-STD-10		NEXT				SCALE 1:1 UNIT WT LBS SHT 2 OF 2	
⊕	TRUE POSITION	3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX		ASSY					
⊖	ROUNDNESS	4. INTERNAL RADII .005 TO .015		6. ALL DIMENSIONS BEFORE PLATING					
⊘	SYMMETRY	5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105							
⊗	MAXIMUM MATERIAL CONDITION	THREADS							
⊗	REGARDLESS OF FEATURE SIZE	DO NOT SCALE DRAWING							
A.S.C. P/N		CUST. P/N		APPLICATION					