

10-19-00 D.S. 12-4-99

D.S.

NOTES CONT'D.

- ONLY ITEMS LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER HAVE BEEN APPROVED BY AERO SPACE CONTROLS. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY ASC. VENDOR MUST SUPPLY APPROVABILITY DATA.
- INTERCHANGEABILITY: ALL PARTS APPROVED FOR AN ASC PART NUMBER AND/OR ALL PARTS WITH THE SAME VENDOR PART NUMBER SHALL BE DIRECTLY AND COMPLETELY INTERCHANGEABLE WITH EACH OTHER WITH RESPECT TO INSTALLATION AND PERFORMANCE.
- THE UNIT SHALL BE CAPABLE OF WITHSTANDING IN-FLIGHT OPERATIONAL LOADS OF $9~\mathrm{G}^\prime \mathrm{s}$ IN ANY DIRECTION WITHOUT FAILURE.
- ប THE VENDOR SHALL BE RESPONSIBLE FOR INSPECTION AND PERFORMANCE OF SUFFICIENT TESTS TO PROVE COMPLIANCE WITH THE REQUIREMENTS OF THIS DRAWING.
- ō AMBIENT TEMPERATURE -65°F TO +160°F. OPERATIONAL TEMPERATURE 300°F MAXIMUM.
- THE PURPOSE OF THE RECEIVER DRYER AND SIGHT GLASS 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 SILICA GEL, AND PROVIDE A SIGHT GLASS TO VISUALLY DETERMINE IF ADEQUATE REFRIGERANT IS IN THE SYSTEM.
- œ THE UNIT SHALL BE COMPATIBLE WITH REFRIGERANT R-12 & R134A.
- ø RELIABILITY THE SERVICE LIFE SHALL NOT BE LESS THAN 10,000 HOURS IN NORMAL AIRCRAFT USAGE WITH NO OVERHAUL REQUIRED. FAILURE RAIE SHALL NOT EXCEED 01 PER 1000 HOURS. TEST TO PROVE RELIABILITY CUMPLIANCE MAY BE WAIVED FOR THOSE VENDORS WHOSE PRODUCTS HAVE DEMONSTRATED THE RELIABILITY REQUIREMENT LEVEL THROUGH FIELD USAGE.
- ö UNIT MUST BE CLEAN AND FREE FROM FOREIGN MATERIAL, DRIED AND SEALED FOR SHIPMENT.
- 11. UNIT MUST WITHSTAND 500 PSI INTERNAL PRESSURE, NO LEAKAGE, 1000 PSI BURST PRESSURE
- įή MARK PART NUMBER ON SIDE OF CASE WITH NON-ETCHING RUBBER STAMP OR APPLY ALTERNATE DECAL
- μ
- FINISH: PAINT. -1, -3, -7; FLAT BLACK
 -5; INDUSTRIAL ENAMEL MC-69 PEWTER, SHERWIN WILLIAMS
 -9; INDUSTRIAL ENAMEL WHITE
- <u>7</u> -7 CONFIG. IS THE SAME AS -1 EXCEPT THE -7 USES XH-7 DESICCANT WHICH IS COMPATIBLE WITH R-134A FREON AS WELL AS R-12.
- 5 -9 is the same as -5 except the -9 uses xH-7 or xH-9 desiccant and the difference in Paint Color.

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翠	髻	SYMMETRY	ROUNDNESS		Ž, C	ANGULARITO	Ä.		-7	QTY	1	X	X	X	1	X
(RFS) REGARDLESS OF	(MMC) MAXIMUM MATERIAL CONDITION	ŔΥ	ROUNDNESS	CONCENTRICITY	PERPENDICULARITY PARALLELISM	RITY	FLATNESS & STRAIGHTNESS	DIMENSIONAL SYMBOLS PER	-9 -7 -5 -1	QTY	X	1	X	1	X	X
FFSS	¥		2						-1	QTY	1	X	1	X	X	X
묶	RIA						HES	륁		ITEM	1	ъ	3	4	5	6
\vdash							_	_		ITEM SIZE						
TAPERED PIPE MIL-P-71	S-STRAIGHT SCREW MIL-S-2742	4. INTERNAL RADIS .005 TO .015	3. REMBYE BURRS & BRET SHARP ENGES .010 MAX	2. SURFACE ROUGHNESS PER	XXX DEC ±.000 DRILL	FRACTIONS ± 1/16 AND XX DEC ±030 ±0°	1. DIMENSIONS ARE IN INCHES TOLERANCES ON	UNLESS OTHERWISE SPECIFIED		PART NUMBER	1936101-1	1936101-3	1936115-1	1936116-1	1936115-3	1936116-3
	ZZ #2	205	ASSY ASSY	ackslash	_	ANGLES CHK	岩	FED		DESI	RECEI\	RECEI\	NAMEPLATE	NAMEPLATE	NAMEPLATE	NAMEPLATE
	BEFORE PLATING	6. ALL DIMENSIONS	SY	APPR	ENGR	*	D. SIMON	SIGNATURES		DESCRIPTION	RECEIVER DRYER	RECEIVER DRYER	_ATE	_ATE	_ATE	_ATE
	$\bigg $	\setminus					11-8-83	DATE	LIST OF	MATERIAL						
SCALE		CODE IDEI				TITLE			LIST OF MATERIALS	_						
1:1 UNIT VT		CODE IDENT NO. SIZZE DAG NO. 1936T100		7000	77777		VICHITA, KANSAS	AERO SPACE CONTROLS CORPORATION		MATL SPEC						
LBS SHT	1936			700000000000000000000000000000000000000	VED DOV					FINISH						
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