



DETAIL I

- 1 TRIM BACK FACE OF SPACER BLOCKS TO ALLOW SLIP FIT OF TANK.
- 2 FINISH SPACER WITH SEALER BEFORE BONDING CORK FACES.
- 3 FINISH ALUM. PARTS WITH 2 COATS PRIMER PER MIL-P-23377.
- 4 SHIM WITH CORK SHEET TO PROVIDE CLOSE FIT OF TANK.
- 5 TUBING ASSY.
- | <u>DASH. NO</u> | <u>NO. END FTG.</u> |                       |
|-----------------|---------------------|-----------------------|
| 11              | 2                   | (KREWOK PPN 12B64-03) |
| 12              | 2                   |                       |
| 43              | 1                   |                       |
| 44              | 1                   |                       |
- FLARE TUBE ENDS PER M383584. INSTALL AN818-6D NUT WITH MS20819-6 SLEEVE ON REID NO. OF ENDS, ASSY. TO BE FORMED AS REQUIRED TO PROVIDE RUNS AS SHOWN.

NOTE: 1. TANKS ARE TO BE GROUNDING PER FAR PART 43.13-1A, PAR. 452.  
2. FUEL SYSTEM TO BE INSTALLED PER FAR PART 43.13-1A, PAR. 702.  
THRU 715.  
3. BOND CORK STRIPS WITH 3M SCOTCH GRIP NO. 1300L.  
4. 0.25 DIA. RESTRICTOR 0.125" REQUIRED IN SIGHT BORE. IT HOLDS  
ARE NOT IN TANK WALL, IT IS NECESSARY TO PLUG THE 0.75-43 44-  
TUBE ASS'Y'S. AND DRILL THRU THE PLUGS THE ABOVE DIA. HOLES.  
5. TANK MAX. CAP. 29 GAL., INSTALLED, UNUSABLE FUEL APPROX. 1 PINT  
AND PLUMB AT FILLER NECK - MAX. CAP. 27 GAL. - VENTED CAP  
REQUIRED.

- ⑥ LIGHTENING HOLES OPTIONAL.
- ⑦ SEAL -28, OPT-40 & -16 WITH PRO-SEAL 890-B2-RTV 167

SEE SH. 2 FOR TANK INSTL. P/L.

	NIPPLE	AN816-6D			1		
	UNION	AN818-6D			7		
	SLEEVE-FLARED TUBE	M320B9-L			6	-	
	NUT-COUPLING	AN818-6D			6	-	
	NIPPLE	AN816-6-2D	OPT AN816-6D		4	-	
	CLAMP	200-OBH	AEROSEAL		4	-	
	GAGE BALL		PIPER P/N1085800		2	-	
C - 47	GAGE TUBING	3/8 ID.-LEN. 110.	TYGON TYPE R-3603		2	-	
C - 46	GAGE LINE ASSY-LWR	3/8 O.D. LEN.= 4.75	5052-O TUBING [5]		Z	-	
C - 45	GAGE LINE ASSY-UPE	3/8 O.D. LEN.= 4.50	5052-O TUBING [5]		2	-	
B							
B							
C - 44	FUEL LINE INSTL.				1	-	

Part No.	Item	Stock Size	Material	Qty	Loc.
	<u>Fastener Code</u>	Draw by: <i>P.P. Kuper</i> 6/11/03	BUSHMASTER DESIGN LLC.		
5E7Z SH. Z.		Chk by:	KENT, WASHINGTON - Division of Bushmaster Mfg. Ltd.		
		Appl:	8018 Westlake Road, Goldstream, BC, Canada, V1B-1Y4		
		Scale: 1:1	FUEL TANK INSTL. -		
		Tol: ± .03	OPTIONAL -30 GAL.		
		Finish: <u>3</u> <u>2</u>			
KEEPER AIRCRAFT ENGINEERING 11467 Glendale Way S. Seattle, WA 98168		Used on: <i>PIPER PA-22 MODIFIED RIP STE JAS 519 SW</i>	SAC-2700		Sh-4C