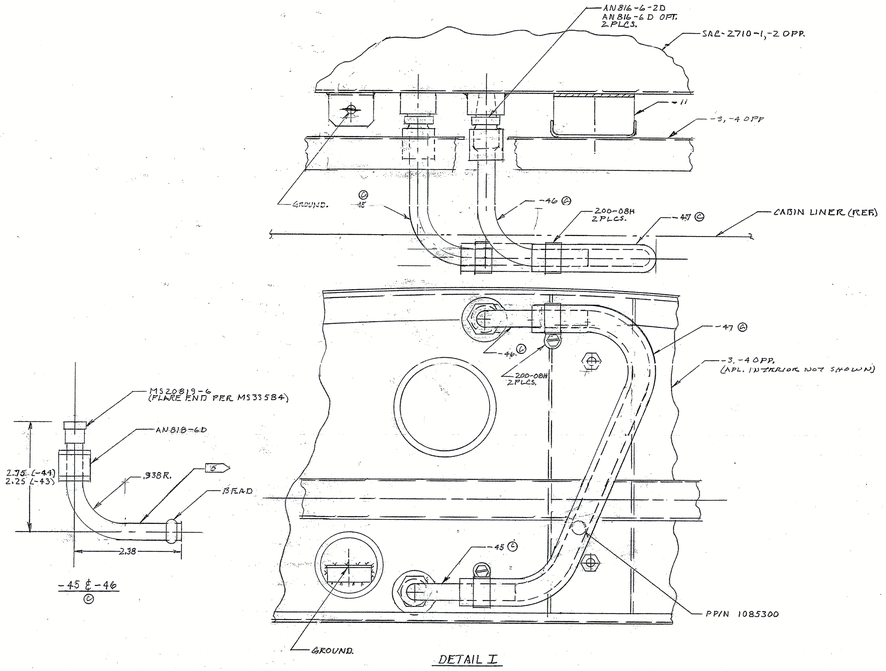
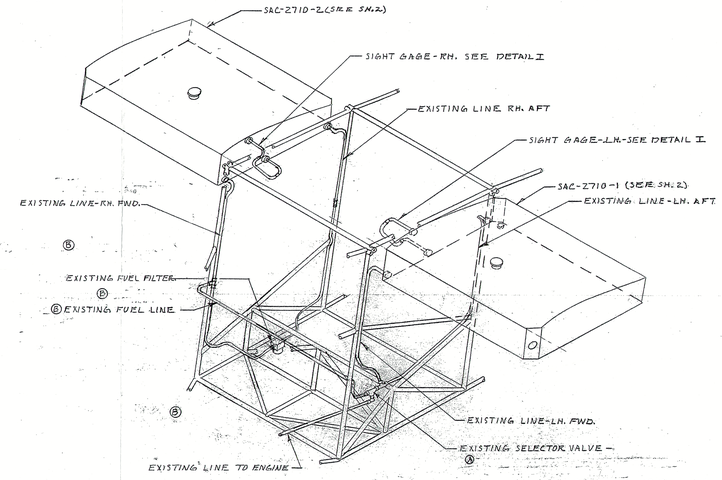


DETAIL I



-44 FUEL LINE INSTL.
(NO SCALE) Ⓒ

REVISIONS.			
SYM.	DESCRIPTION	DATE	APP'L.
A.	REMOVE PA-18 CALLOUTS, REMOVE LHANGE ON SELECTOR VALVE, ADD PLACARD NOTE.	1/17/84	
B	REMOVE -41 & -42 TUBE ASSY ADD EXISTING CROSS-OVER TUBE & TEE. - NO CHANGE TO ORIGINAL FUEL LINE	3/1/84	
C	ADD FLAG 6, CHG. -40 TO -44, -43 TO -45, -44 TO -46 & -45 TO -47	5/25/84	

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.

DASH. NO	NO. END FTGS.	
Ⓑ -41	2	(REWORK PP/N 12B64-03)
-42	2	
-43	1	
-44	1	

FLARE TUBE ENDS PER MS33584, INSTALL AN818-6D NUT WITH MS20819-6 SLEEVE ON REQD NO. OF ENDS. ASSY. TO BE FORMED AS REQUIRED TO PROVIDE RUNS AS SHOWN.

NOTE:
1. TANKS ARE TO BE GROUNDED PER FAR PART 43.13-1A, PAR. 452.
2. FUEL SYSTEM TO BE INSTALLED PER FAR PART 43.13-1A, PAR. 706 THRU 715.
3. BOND CORK STRIPS WITH 3M SCOTCH GRIP NO. 1300L.
4. .025 DIA. RESTRICTOR HOLES ARE REQUIRED IN SIGHT GAGE. IF HOLES ARE NOT IN TANK WALL, IT IS NECESSARY TO PLUG THE -43 & -44 TUBE ASSYS. AND DRILL THRU THE PLUGS THE ABOVE DIA. HOLES.
5. TANK MAX. CAP. 29 GAL. INSTALLED, UNUSABLE FUEL APPROX. 1 PINT. ADD PLACARD AT FILLER NECK - MAX. CAP. 29 GAL., - VENTED CAPS REQUIRED.

Ⓐ
Ⓒ 6 LIGHTENING HOLES OPTIONAL.
7 SEAL -28. OPT -40 & -16 WITH PRO-SEAL B90-B2-RTV 167

SEE SH. 2 FOR TANK INSTL P/L.

	Part No.	Item	Material	Stock Size	Qty	Loc
		NIPPLE	AN816-6D		1	
		UNION	AN818-6D		1	
		SLEEVE-FLARED TUBE	MS20819-6		6	
		NUT-COUPLING	AN818-6D		6	
		NIPPLE	AN816-6-2D	OPT. AN816-6D	4	
		CLAMP	200-08H	AEROSEAL	4	
		GAGE BALL		PIPER P/N 1085500	2	
Ⓒ	-47	GAGE TUBING	3/8 I.D. - LEN. 11.0	TYGON TYPE R-3603	2	
Ⓒ	-46	GAGE LINE ASSY-LWR.	3/8 OD LEN. = 4.75	5052-O TUBING 3	2	
Ⓒ	-45	GAGE LINE ASSY-UPR.	3/8 OD. LEN. = 4.50	5052-O TUBING 3	2	
Ⓑ						
Ⓑ						
Ⓒ	-44	FUEL LINE INSTL.			1	

Fastener Code: SEE SH. 2.

Dwn by: 6/15/83
Chk by:
Appr:
Scale: 1:1
Tol: ±.03
Finish: 3 7

Unit on: PIPER PA-22 MODIFIED PER STC SA3193SW

KEEFER AIRCRAFT ENGINEERING
11457 Glendale Way S.
Seattle, WA 98168

BUSHMASTER DESIGN LLC.
KENT, WASHINGTON – Division of Bushmaster Mfg. Ltd.
8019 Westkal Road, Coldstream, BC, Canada, V1B-1Y4

FUEL TANK INSTL. — OPTIONAL -30 GAL.

SAC-2700 Sh. 1-4 Rev. C

SAC-2700-2 1 of 4