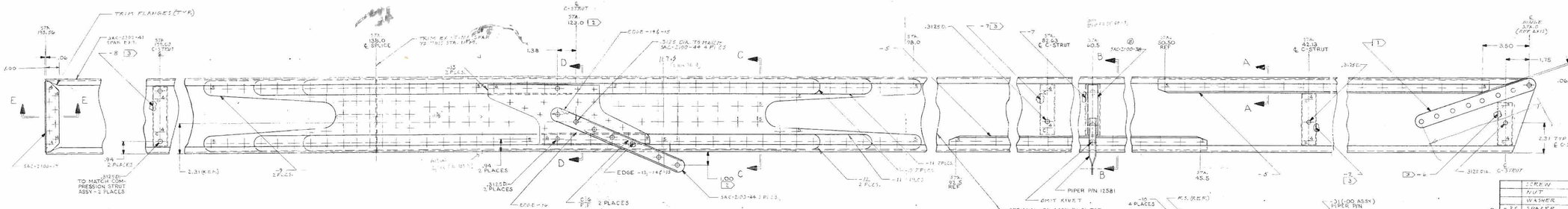
REVISIONS			
SYM	DESCRIPTION	DATE	APPR.
A	ADD -21,-2210PR ASSY AT OPTIONAL SPAR STIFFENER INSTL. -2 INCL TO SH. 3, REV. PR.	6/15/81	
B	CORRECT -3,-4 OPR VIEW FOR -17 INSTL. ENG. PR TO SAC-2100-38, ADD PLAG. 8	4/14/82	



NOTES:
1. EXISTING PIPER FITTING. INSTALL ON EXT. SPAR ASSY. SAME AS ORIG. PA-22 SPAR USING EXISTING FASTENERS.
2. LOCATE STRUT FITTING BY THESE DIMENSIONS
3. OPTIONAL: USE PIPER P/N 14401-06. TRIM TO CLEAR ADDED STIFFENERS
4. THIS SECTION OF SPAR ASSY IDENTICAL TO -1, -2 OPR ASSY
5. ALTER PER 0134-1097 4861-TL EXT.
6. 2 COATS MIL-P-23377 PRIMER ON DETAIL PARTS, 1 COAT ON ASSY.
7. 2 - 4.5 - 15 CAN BE MACHINED FROM 4061-T6 PLATE WITH TOTAL THICKNESS = .218/.207.
8. OMIT -23 & -24 STIFF. WHEN SAC-2700 PARK INSTL. 5 REQD.

PART NO.	ITEM	STOCK SIZE	MATERIAL	QTY.	LOC
	SCREW	NAS 623-3-11		3	1
	NUT	NAS 679A3W		3	1
	WASHER	AN960-PD10		3	1
-25	SPACER	.501 DIA. ROD L=.25	4061-T6 BAR	1	1
-24	STRAP-STIFF.	.125 X .75 X 47.63	2024-T3 SH.	4	3
-23	STRAP-STIFF. (TRIM)	.STA 100 X 47.63	2024-T3 SH.	4	3
-2	R.S. ASSY-OPT (3,4)			1	3
-22	STRAP-FITT.			2	1
-21	OPT SAC-2100-42			1	1
-20	RAC EXTRUSION	(FULL SPAN)		1	1
-19	SPAR EXTENTION			1	1
AC4A	ANGLE			2	1
12581	JURY STRUT ASSY.		PIPER PART	1	1
AC4A	FILLER			2	1
-29	DOUBLER STRAP	.050 X 1.13 X 26.75	2024-T3 CLAD	2	2
-28	1	.050 X 1.13 X 38.75		2	2
-26	DOUBLER STRAP	.025 X 1.13 X 36.13		3	2
-27	DRIVE PLATE	.250 X 2.38 X 4.13		2	2
-16	FILLER	.100 X 3.12 X 11.88		1	2
-5	FILLER	.1378 X 1.62 X 7.13	AL. SH. (7)	2	2
-14	SHIM	.020 X 1.00 X 7.13	AL. SH. (7)	2	2
-13	DOUBLER-RTS	.100 X 4.87 X 12.13	2024-T3 CLAD	1	2
-12	DOUBLER STRAP	.050 X 1.12 X 38.63		2	2
-11	1	.050 X 1.12 X 46.18		4	2
-10	DOUBLER STRAP	.080 X 1.13 X 38.63		2	2
-9	SPLICE PLATE	.032 X 2.38 X 37.63		2	2
-8	STIF-CHAN	.032 X 1.88 X 4.62		1	2
-7	STIF-CHAN	.032 X 1.88 X 3.98		3	2
-6	STIF-CHAN	.050 X 1.83 X 3.25	2024-T3 CLAD	2	2
-5	STIF-EXT	.LEN X 1.93	(5)	4	1
-4	OPT-3			4	1
-3	R.S. SPAR ASSY			1	1
-2	OPT-1			1	1
-1	SPLICED R.S. ASSY			1	1

FASTENER CODE:
- X MS20470AD(X) X DIA.
- X MS20426AD(X) X DIA.
- RTF FLUSH BOTH SIDES

DRAWN: [illegible] 6/15/81
CHECKED:
SCALE: 1/2 & NOTED
TOLERANCE: ± .03
FINISH: [illegible]
USED ON: SAC-2000

SIMPSON AVIATION CO.
P.O. BOX 128
GILLIAM, LA. 71029

SPAR ASSY - FRONT

SAC-2150 -1 B

1 72