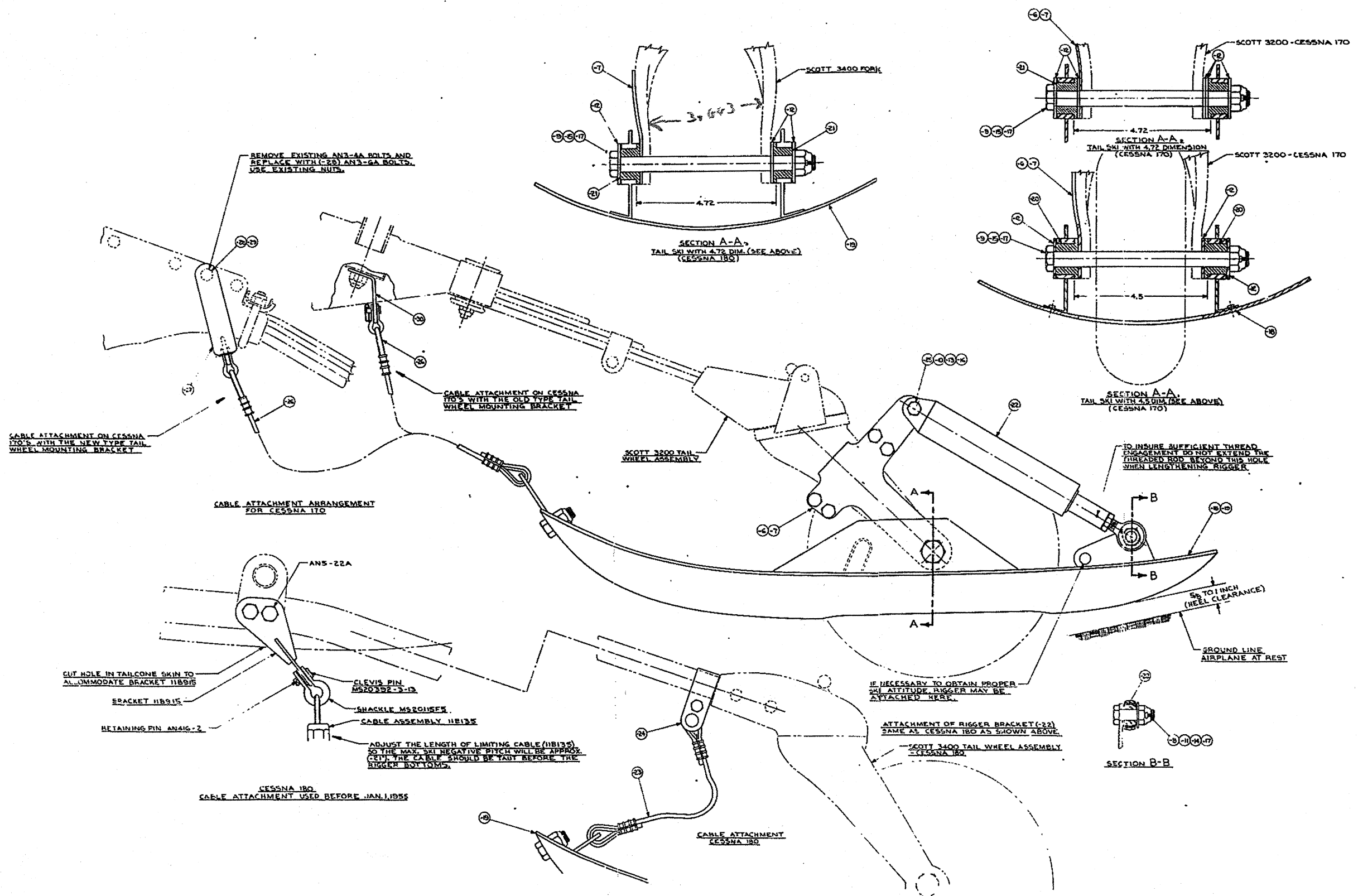


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REV	DATE	BY	CHKD
1	REVISION - 10/2/55		



- SKI NOTES ON CESSNA 170 & 180 A/C.
1. RIGGER ADJUSTMENT: THE NEUTRAL LENGTH OF THE RIGGER (22) SHALL BE ADJUSTED IF NECESSARY, SO THE SKI HEEL CLEARANCE IS 5/8 TO 1 INCH.
 2. LUBRICATION: THE TAIL SKI PIVOT BEARINGS ARE SELF-LUBRICATED. THE MECHANICAL RIGGER (22) ANCHOR POINTS SHOULD BE LUBRICATED PERIODICALLY WITH A FEW DROPS OF MILK-PAINT OR EQUIVALENT LOW TEMPERATURE OIL.
 3. TO CERTIFICATE AN AIRPLANE WITH THIS INSTALLATION, AUTHORIZED PERSONNEL MUST DETERMINE THAT THE INSTALLATION CONFORMS TO THIS DRAWING AND ENGINEERING DATA REFERENCED THEREON.
- THIS INSTALLATION IS APPROVED UNDER THE FOLLOWING TYPE CERTIFICATE (T.C.) AND SUPPLEMENTAL TYPE CERTIFICATE (S.T.C.)
- T.C. NO. TC-144 WITH AWE-2100 (HYD) MAIN SKIS ON PIPER PA-20, PA-20S, PA-20 115, PA-20S 115, PA-20 125, PA-20S 125 A/C EQUIPPED WITH SCOTT 3200 TAIL WHEEL.
- S.T.C. NO. 543-159 WITH C-3000 (HYD) MAIN SKIS ON CESSNA 170, 170A, 170B A/C.
- S.T.C. NO. 543-161 WITH C-3000 (HYD) MAIN SKIS ON CESSNA 180, 180A, 180B, 180C, 180D, 180E, 180F.
- S.T.C. NO. 543-162 WITH C-2200 (HYD) MAIN SKIS ON PIPER PA-18, PA-18S, PA-18 105, PA-18A, PA-18S 105, PA-18 125, PA-18S 125, PA-18 135, PA-18S 135, PA-18 150, PA-18S 150, PA-18A 150, PA-18S 150, PA-18 150, PA-18S 150 A/C.
- S.T.C. NO. 543-328 WITH C-2200 (MANUAL) MAIN SKIS ON PIPER PA-8 SERIES A/C, PA-8, 180A, 180B, 180C, 180D, 180E, 180F.
- S.T.C. NO. 543-329 WITH C-3000 (MANUAL) MAIN SKIS ON CESSNA 170, 170A, 170B A/C.
- S.T.C. NO. 543-330 WITH C-3000 (MANUAL) MAIN SKIS ON CESSNA 180, 180A, 180B, 180C, 180D, 180E, 180F.
- S.T.C. NO. 443-340 WITH C-3000 (HYD) OR MANUAL MAIN SKIS ON CESSNA 180, 180A, 180B, 180C, 180D, 180E, 180F, EQUIPPED WITH CROSS-WIND BEAR HAVING A 6.00:1 T.I.F.
- S.T.C. NO. 543-356 WITH C-2200 (HYD) MAIN SKIS ON PIPER PA-11 & 13 SERIES A/C.
- S.T.C. NO. 543-357 WITH C-2200 (MANUAL) MAIN SKIS ON PIPER PA-11 & 13 SERIES A/C.
- S.T.C. NO. 543-423 ON AIRPLANES EQUIPPED WITH SCOTT 3200 OR 3400 TAIL WHEELS AND APPROVED MAIN SKI INSTALLATION.
- S.T.C. NO. 543-468 WITH C-3000 MAIN SKIS ON CESSNA 170, 170A, 170B, 180, 180A, 180B, 180C, 180D, 180E, 180F.
4. CESSNA 170 - APPROX. TAIL SKI ANGLES. THE FOLLOWING ANGLES ARE MEASURED ON THE FLAT OF THE TAIL SKI NEXT TO RIVETS THAT ATTACH BOTTOM TO THE SADDLE AND ARE WITH RESPECT TO THE AIRPLANE FLIGHT REFERENCE LINE (UPPER DOOR SILL).
- NEUTRAL: +2° (WILL GIVE WHEEL CLEARANCE OF APPROX. 3/4" WITH LDR)
- MAX. NEG: -15°
- MAX. POS: +15° (SKI HITS FORK)

QTY	DESCRIPTION	PART NO.	LIST OF MATERIAL
1	1-30	ANS220	FITTING
2	2-28	ANS20-10	WASHER
2	2-28	ANS-6A	BOLT
1	1-27	118165	BRACKET
1	1-26	118164	CABLE ASSEMBLY
1	1-25	ANS-C	BOLT
1	1-24	118168	BRACKET ASSEMBLY
1	1-23	118361	CABLE ASSEMBLY
1	1-22	11D332	RIGGER
2	2-21	11A85-3	JOINING
2	2-20	11A805-1	BUSHING
1	1-18	10F1577-3	TAIL SKI (4.72 DIM. - SEE FIG. A-A)
1	1-18	10F1577-1	TAIL SKI (4.5 DIM. - SEE FIG. A-A)
2	2-17	MS24665-283	COTTER PIN
1	1-16	MS24665-192	COTTER PIN
1	1-15	AN310-8	NUT
1	1-14	AN310-6	NUT
1	1-13	AN310-4	NUT
3	3-12	945-8P	WASHER
1	1-11	945-3P	WASHER
1	1-10	AND00-416	WASHER
1	1-9	ANS-64	BOLT
1	1-8	ANS-12	BOLT
1	1-7	118911-3	ASSY. ATTACHMENT BRACKET
1	1-6	118911-1	ASSY. ATTACHMENT BRACKET
1	1-5		CESSNA 170-AWT 2500A WITH 4.72 DIM. SEE FIG. A-A
1	1-4		CESSNA 170-AWT 2500A WITH 4.72 DIM. SEE FIG. A-A
1	1-3		CESSNA 170-AWT 2500A WITH 4.72 DIM. SEE FIG. A-A
1	1-1		CESSNA 170-AWT 2500A WITH 4.72 DIM. SEE FIG. A-A

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LIST OF MATERIAL

TAIL SKI INSTALLATION - AWT 2500A ON SCOTT 3200 AND 3400 TAIL SKI ASSY

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