

CONTROL SURFACE BALANCE LIMITS FOR EARLY MODEL AIRPLANES

MODEL	SERIAL	AILERONS		RUDDER		RH ELEVATOR		LH ELEVATOR	
		WEIGHT (POUNDS)	BALANCE (IN POUNDS)	WEIGHT (POUNDS)	BALANCE (IN POUNDS)	WEIGHT (POUNDS)	BALANCE (IN POUNDS)	WEIGHT (POUNDS)	BALANCE (IN POUNDS)
120/140	8000 THRU 15075	3.5 +.25 -.00	0.0 TO + 14.3	NONE SPECIFIED					
140A	15200 THRU 15724	1.75 +.06 -.00	0.0 TO + 11.31	NONE SPECIFIED					
170	18000 THRU 18729	3.5 +.25 -.00	0.0 TO + 14.3	4.00 +.12 -.00	-23.0 TO 27.0	NONE SPECIFIED	0.0 TO +67.3	NONE SPECIFIED	0.0 TO +44.0
170A	18730 THRU 20266	*2.94 +.06 -.00	0.0 TO + 11.31	4.00 +.12 -.00	-23.0 TO 27.0	NONE SPECIFIED	0.0 TO +67.3	NONE SPECIFIED	0.0 TO +44.0
170B	20267 THRU 27169	2.94 +.06 -.00	0.0 TO + 11.31	4.00 +.12 -.00	-23.0 TO 27.0	-0.92 +.10 -.10	+22.0 TO +26.0	.75 +.10 -.10	+19.44 TO +24.0
190/195	7001 THRU 7999 & 16000 THRU 16083	RH 7.93 LH 6.56	-.94 TO +.94	5.70 +.13 -.00	-.94 TO +.94	11.00 +.13 -.00	-.94 TO +4.69	6.12 +.13 -.00	-.94 TO +4.69
190/195	16084 THRU 16183	RH 7.93 LH 6.56	-.94 TO +.94	5.70 +.13 -.00	-.94 TO +.94	6.71 +.13 -.00	-.94 TO +4.69	6.00 +.13 -.00	-.94 TO +4.69

*Some Model 170A airplanes were delivered with 1.75-pound lead balance weights in ailerons.