

SECTION 6
WEIGHT AND BALANCE

PA-28R-201T PIPER AIRCRAFT CORPORATION
ROCKEET TURBO ARROW III

BLISSCHULE
BASEL AD
76.6.84

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BASEL AD
76.6.84

PA-28R-201T
ROCKEET TURBO ARROW III

FOCA
2111

Page Number 2

Registration Number HB-PBS

Serial Number

Description of Article or Modification

Item No.

In Out

Date

Added (+)

Wt. (Lb.)

Arm (In.)

Moment /100

Removed (-)

Wt. (Lb.)

Arm (In.)

Moment /100

Running Basic Empty Weight

Wt. (Lb.)

Moment /100

Date	Item No.	In	Out	Description of Article or Modification	Added (+)			Removed (-)			Running Basic Empty Weight		
					Wt. (Lb.)	Arm (In.)	Moment /100	Wt. (Lb.)	Arm (In.)	Moment /100	Wt. (Lb.)	Moment /100	
				As-Delivered								1811	150405
23.2.84	X			TURN COORDINATOR 620-744-1	1.1	65.8	72						
26.6.84		X		Horizon SFENA 705-16				4.5	58.2	262			
"		X		Invisibles AD 23-1205-1A				2.5	59	147			
"		X		T&B 620-744-1				1.1	65.8	72			
"	X			T&B United 9501	1.2	65.8	79						
"	X			Tweertisches Airis incl. mounting	5.6	80.3	450						
"	X			Boxdapschele	1.7	154.8	263						
10.8.88		X		CLOCK				0.4	62.4	25		1811.4	150716
10.8.88	X			AMK-Gyro(EL) + Inst.-Art; + C/B	2.8	58.2	163					1811.0	150691
13.11.93	X			FLIGHT HOUR METER V.00	.3	61.2	.18					1813.8	150854
13.12.94	X			AIRCRAFT PAINTING								1814.1	150833
17.4.96	X			Intercom Isocom	1.3	62.4	81.1					1824.3	150876
06.07.00		X		AVIONIC RETROFIT								1836.74	152599
08.02.07	X			Mode S Upgrade KT73								1837.75	152607.99
13.8.09				Neue Linsen -		84.3						1855	156444
31.3.10		X		ELT de Lambert	3.5		82.8						
31.3.10		X		ELT Kenned 406 AF	3.0		708.6					18545	156246

WEIGHT AND BALANCE RECORD (cont)

Figure 6-7 (cont)

**SECTION 6
WEIGHT AND BALANCE**

**PIPER AIRCRAFT CORPORATION
PA-28R-201T, CHEROKEE TURBO ARROW III**

	Weight (Lbs)	Arm Aft Datum (Inches)	Moment (In-Lbs)
Basic Empty Weight			
Pilot and Front Passenger		80.5	
Passengers (Rear Seats)		118.1	
Fuel (72 Gallon Maximum)		95.0	
Baggage		142.8	
Moment due to Retraction of Landing Gear			819
Total Loaded Airplane			

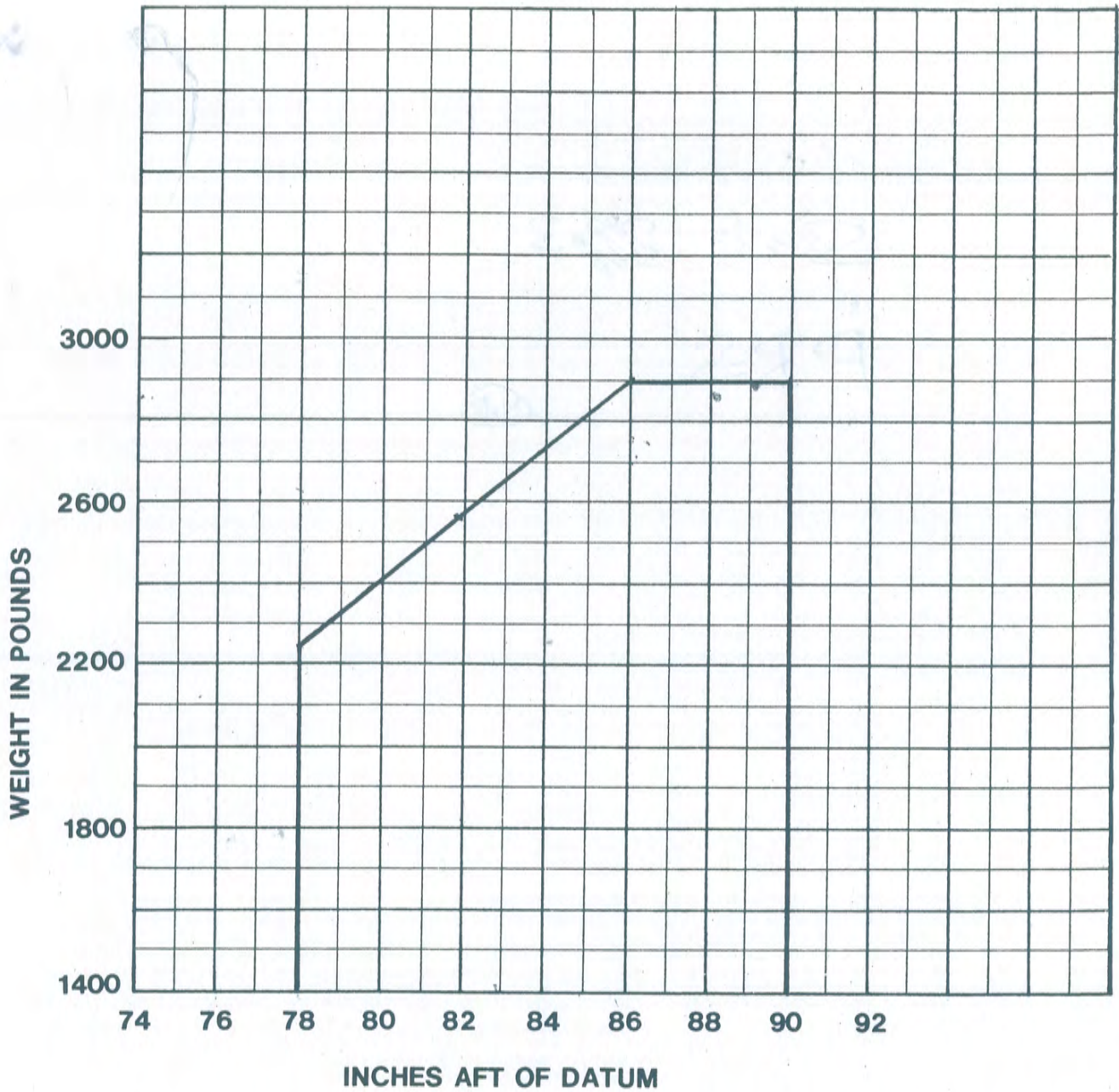
Totals must be within approved weight and C.G. limits. The Basic Empty Weight C.G. is noted on the Weight and Balance Data Form (Figure 6-5). If the airplane has been altered, refer to the Weight and Balance Record for this information.

NOTE

IT IS THE SOLE RESPONSIBILITY OF THE PILOT IN COMMAND TO ENSURE THAT THE AIRPLANE IS PROPERLY LOADED AND IS WITHIN THE ALLOWABLE WEIGHT AND C.G. LIMITS.

WEIGHT AND BALANCE LOADING FORM

Figure 6-11



Moment due to retracting landing gear = +819 in. lbs.

C. G. RANGE AND WEIGHT

Figure 6-15