

PIPER AIRCRAFT CORPORATION

LOCK HAVEN, PENNA.

REPORT 1269
PAGE 2, Sec. 2
MODEL PA-30

EMPTY WEIGHT C.G. AS WEIGHED

Empty Weight C.G. Forward Main Wheel Centerline:

A. $\frac{(N)}{(T)} \times 87 =$ Inches

Empty Weight C.G. Aft of Wing Leading Edge at Wing Station 97.0:

B. $29.7 - (A) =$ Inches

Empty Weight C.G. Aft Datum:

C. $79.0 + (B) =$ Inches

EMPTY WEIGHT AND C.G. WITH UNUSABLE FUEL

Item	Weight	Arm	Moment
Empty Weight As Weighed			
Unusable Fuel (6.0 Gal. Inboard Tanks)	<u>36</u>	<u>90</u>	<u>3240</u>

TOTAL

BASIC WEIGHT AND C.G. (With unusable fuel and oil - for use with Visual Plotter, and Weight vs. C.G. Chart.)

The following calculation is performed here for simplicity to aid the pilot in his calculations. This weight and C.G. will be referred to as "Basic Weight and C.G."

Item	Weight	Arm	Moment
Empty Weight As Weighed			
Oil (4.0 Gal.)	30	51.0	1530
Unusable Fuel (6.0 Gal. Inboard Tanks)	<u>36</u>	<u>90.0</u>	<u>3240</u>
Total			

BASIC WEIGHT AND C.G. IS LBS AT INCHES
AFT DATUM.

PREPARED
CHECKED
APPROVED

570 008

PIPER AIRCRAFT CORPORATION

LOCK HAVEN, PENNA.

REPORT 1269

PAGE 7a Sec 2

MODEL PA-30

WEIGHT AND BALANCE

SUMMARY OF DISPOSABLE LOAD

<u>ITEM</u>	<u>WEIGHT</u>	<u>ARM</u>	<u>MOMENT</u>
Oil (4 Gal.)	30	51.0	1530
Fuel - Inboard Tanks (54 Gal.)	324	90.0	29160
Fuel - Outboard Tanks (30 Gal.)	180	95.0	17100
Fuel - Tip Tanks (30 Gal.)	180	90.5	16290
Pilot Seat #1	170	84.8	14416
Co-Pilot Seat #2	170	84.8	14416
Passenger Seat #3 (30-590 & Up)	170	120.5	20485
Passenger Seat #3 (30-1 thru 30-589)	170	118.5	20145
Passenger Seat #4 (30-590 & Up)	170	120.5	20485
Passenger Seat #4 (30-1 thru 30-589)	170	118.5	20145
Passenger Seat #5 (30-853 & 30-902 & Up)	235	148.0	34780
Passenger Seat #6 (30-853 & 30-902 & Up)			
Baggage * (30-853 & 30-902 & Up)	250	142.0	35500
Baggage (30-1 thru 30-852 & 30-854 thru 30-901)	200	142.0	28400

6 gal. of unusable fuel of inboard tanks plus oil are part of the airplane basic weight.

* Baggage replaces seats 5 & 6.

570 008

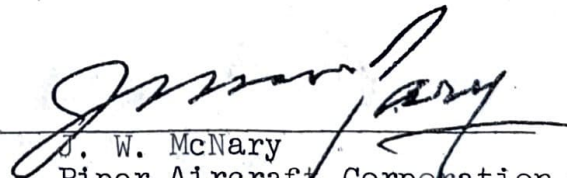
FAA APPROVED
FLIGHT MANUAL
FOR
PIPER TWIN COMANCHE

Applicable to Serial No. 30-1 thru 30-1716 and
30-1718 thru 30-1744

THIS MANUAL MUST BE KEPT IN THE AIRPLANE AT ALL TIMES.

MANUFACTURER'S MODEL - PA-30C
MANUFACTURER'S SERIAL NO. - 30-1269
REGISTRATION NO. - _____

FAA Approved By:


J. W. McNary
Piper Aircraft Corporation
D.O.A. No. EA-1
Lock Haven, Pennsylvania

Date of Original Approval: February 5, 1963

Approval Basis: CAR 3 and Reg. of Admin. 410

Date of Approved Reissue : November 15, 1969

Approval Basis : CAR 3 and FAR Part 21, Subpart J

DUPLICATE

Piper Report No. 1269
Section 1
FAA Approved

REGISTRATION NOT TRANSFERABLE

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate
must be in the air-
craft when operated.

NATIONALITY AND
REGISTRATION MARKS **N 7244Y**

AIRCRAFT SERIAL NO.
30-269

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
PIPER PA-30

ICAO Aircraft Address Code: **52332543**

I
S
S
U
E
D
T
O

**PETER PRINCE AVIATION CENTER LLC
5800 AVIATION DR
MILTON FL 32583**

LLC

This certificate is
issued for
registration purposes
only and is not a
certificate of title.
The Federal Aviation
Administration does
not determine rights
of ownership as
between private
persons.



U.S. Department
of Transportation
**Federal Aviation
Administration**

It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code, and regulations issued thereunder.

DATE OF ISSUE **March 17, 2014**
EXPIRATION DATE **March 31, 2023**

Steve D...

ADMINISTRATOR

AC Form 8050-3 (10/2018) Supersedes previous editions

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS

N7244Y

2. AIRCRAFT AIRWORTHINESS CLASSIFICATION

STANDARD - NORMAL

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the Civil Air Regulations and applicable aircraft Operation Limitations. Issued under the provision of Part 410.

4. This Certificate will remain in effect as long as the aircraft is maintained in accordance with Part 43 of the Civil Air Regulations unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency.

5. DATE OF ISSUANCE

1-17-04

6. REPRESENTATIVE

**J.W. McNary, Asst. Chief Engr.
Piper Aircraft Corporation**

7. DESIGNATION NO.

DMCR 1-1

8. Any alteration or misuse of this Certificate is punishable by a fine of not exceeding \$1,000 or imprisonment not exceeding 3 years, or both.

PIPER

PA-30

SN 30-260