

Aircraft Weight and Balance Revision

Tail Number: N1071X		Date: 3/17/2017	
Prepared by: General Aviation Services William Stacy Blackburn 7000 East Gate Road Milton, Fla. 32570		Work Order No:	
		Type Certificate Data No:	
Aircraft Make: Piper	Model: PA28-140	Serial No: 28-7525274	Time: 467.7
Registered Owner: Peter Prince Aviation Center		Address: 5800 Aviation Drive Milton, Fl. 32583	
Maximum Weight 2150.00		CG Range FWD 88.45 AFT 95.88	
As Received; Date of Previous Weight and Balance:	Useful Load:	EW:	EWCG:
Moment:			
Notes: New W&B aircraft was weighed with 8qts engine oil and No fuel in tanks			
	Weight	Arm	Moment
NLG Weight	416.00	34.8	14476.80
Left MLG Weight	498.00	109.6	54580.80
Right MLG Weight	497.00	109.6	54471.20
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
☐ As Calculated ☒ As Weighed	Moment 123528.80 Weight 1411.00	New Empty Weight CG 87.55	
		New Useful Load 739.00	
		Signature 	
		Repair Agency or License No:	

PIPER
PA-28-140

SN: 28-7525274

N1071X
RECORDS

TC

2A13



PC

MANUFACTURED BY

PIPER AIRCRAFT CORPORATION

VERO BEACH

FLORIDA

MODEL

PA28-240

SERIAL NO.

28-75297

LICENSED UNDER U.S. AIRPLANE

PATENTS OF ALL MEMBERS

MANUFACTURERS AIRCRAFT ASSOCIATION

M. A. A. PLATE No.

482996

INC.



N1071X

QUARTZ CHRONOMETER

8:56

TIME CLOCK

RESET STOP

AIR SPEED

MADE IN USA



ALT

ALTITUDE INDICATOR

INSTALLED 1000

VERTICAL SPEED

100 FEET PER MINUTE



TAXI OFF CHECKLIST

FASTEN BELTS/HARNESSES

FLAPS DOWN

ENGINE OIL PRESS

WATER PUMP ON

ELECTRIC FUEL PUMP ON



FUEL ON PROPER TANK

WATER PUMP ON

ELECTRIC FUEL PUMP ON

WARNING

DO NOT CRANK STARTER

FOR MORE THAN 10 SECONDS

ALLOW 30 SECONDS TO COOL DOWN

BEFORE RE-ATTEMPTING TO START

IF STARTER DOES NOT STOP IN 10 SECONDS

STOP CRANKING IMMEDIATELY

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COMM A M HI LO COM1 COM2 COM3 COM4 NAV1 NAV2 COM5 COM6 COM7 COM8 COM9 COM10 COM11 COM12 COM13 COM14 COM15 COM16 COM17 COM18 COM19 COM20 COM21 COM22 COM23 COM24 COM25 COM26 COM27 COM28 COM29 COM30 COM31 COM32 COM33 COM34 COM35 COM36 COM37 COM38 COM39 COM40 COM41 COM42 COM43 COM44 COM45 COM46 COM47 COM48 COM49 COM50 COM51 COM52 COM53 COM54 COM55 COM56 COM57 COM58 COM59 COM60 COM61 COM62 COM63 COM64 COM65 COM66 COM67 COM68 COM69 COM70 COM71 COM72 COM73 COM74 COM75 COM76 COM77 COM78 COM79 COM80 COM81 COM82 COM83 COM84 COM85 COM86 COM87 COM88 COM89 COM90 COM91 COM92 COM93 COM94 COM95 COM96 COM97 COM98 COM99 COM100

ACTIVE COMM STBY

888888 888888

TCM

NAV 888888

MD300

0 1 2 3 4 5 6 7 8 9

PROTECT YOUR STARTER

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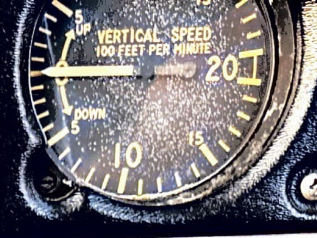
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FUEL ON PROPER TANK
ELECTRIC FUEL PUMP - ON
ENGINE GAGES CHECKED
FLAPS - SET
CARR. HEAT OFF

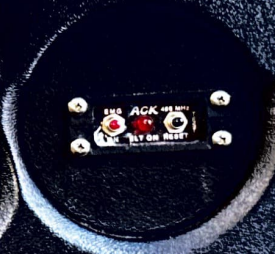
TAKEOFF CHECKLIST
☐ MIXTURE - SET
☐ SEAT BACKS ERECT

FASTEN BELTS/HARNESSES
TRIM TAB - SET
CONTROLS - FREE
DOOR - LATCHED
AIR CONDITIONER OFF

FUEL ON PROPER TANK
MIXTURE RICH
ELECTRIC FUEL PUMP ON

LANDING CHECKLIST
☐ SEAT BACKS ERECT

FLAPS - SET (115 M.P.H.)
FASTEN BELTS/HARNESSES
AIR CONDITIONER OFF



LOCK BEFORE
PRIMER
FLIGHT

ENGINE
KOHLER CO.
KOHLER, P.A.
PRIMER





TKM
88888 88888
NAV

MX300

STRATUS

WARNING
TO AVOID OPTICAL ILLUSION AND SEVERE
VERTIGO TURN ANTI-COLLISION LIGHTS
OFF UPON ENTERING CLOUDS. T.O.C. ON 10

WARNING
FUEL GAUGES MAY INDICATE AS MUCH
AS 2% HIGHER WHEN TANKS ARE
FULL

LANDING CHECKLIST

FLAPS-SET (115 M.P.H.)
FASTEN BELTS/HARNESSES
AIR CONDITIONER OFF

CARB
HEAT

LOCK BEFORE
PRIMER
FLIGHT

ENGINE
KOHLER CO.
KOHLER, WIS.
2000

THIS AIRPLANE MUST BE OPERATED
AS A UTILITY CATEGORY AIRPLANE.
THE OPERATING LIMITATIONS STATE
PLACARDS, MARKINGS AND MANUALS
APPLY TO ITS OPERATION AS A UTILITY
AIRPLANE. FOR NORMAL AND UTILITY
OPERATION, REFER TO THE PILOT'S
HANDBOOK.
NO ACROBATIC MANEUVERS ARE APPROPRIATE
FOR NORMAL CATEGORY OPERATIONS. SPIN
RECOVERY, USE FULL RUDDER AND
FOR SPIN RECOVERY, USE FULL RUDDER AND
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COMMUNICATIONS AND NAVIGATION CONTROLS

Buttons: **PILOT**, **SPKR**, **PA**, **TEST**, **COM1**, **COM2**, **COM3**, **NAV1**, **NAV2**, **CME**, **ADF**, **TEST**

Display: **ACTIVE** 38888 **COMM** 88888 **STBY** 88888

Buttons: **COMM**, **TEST**, **NAV**, **VC-10**, **MX300**

Buttons: **IDENT**, **VFR**, **STATUS**, **STBY**, **ON**, **OFF**

PROTECT YOUR STARTER!

DO NOT CRANK STARTER FOR MORE THAN 10 SECONDS!

THIS AIRPLANE MUST BE OPERATED AS A NORMAL UTILITY CATEGORY AIRPLANE IN ACCORDANCE WITH THE OPERATING LIMITATIONS, STATED IN THE FORM OF PLACARDS, WARNINGS AND MANUALS.

ALL WARNINGS AND PLACARDS ON THIS AIRPLANE APPLY TO ITS OPERATION AS A UTILITY CATEGORY AIRPLANE. FOR NORMAL AND UTILITY CATEGORY OPERATIONS, REFER TO THE PILOT'S OPERATING HANDBOOK.

NO ACROBATIC MANEUVERS ARE AUTHORIZED FOR NORMAL CATEGORY OPERATIONS. SPINS ARE PROHIBITED FOR NORMAL AND UTILITY OPERATIONS. FOR SPIN RECOVERY, USE FIELD A MANUAL AGAINST SPIN, FOLLOWED IMMEDIATELY BY FORWARD WHEEL.

TAKEOFF CHECKLIST

ENGINE BELT, HARNESSES, SEAT BELTS, CHECK, TRIC TAIL PUMP ON

WARNING

FUEL GAUGES AND INDICATORS AS SHOWN

LANDING CHECKLIST

SEAT BELTS ERECT, FLAPS SET (100 MPH), ENGINE BELT, HARNESSES, AIR CONDITIONER OFF



Buttons: **LOCK**, **IGNITION**, **FLIGHT**, **THROTTLE**, **MIXTURE**, **CARB HEAT**

CLIMATE CONTROL CENTER

Buttons: **FAN**, **TEMP**, **COOLING**, **HEATING**, **DEFROST**, **WASH**

PILOT'S OPERATING HANDBOOK

Section 1: General Information

Section 2: Performance

Section 3: Weight and Balance

Section 4: Fuel System

Section 5: Electrical System

Section 6: Landing Gear

Section 7: Engine

Section 8: Propeller

Section 9: Instruments

Section 10: Emergency Procedures

Section 11: Maintenance

Section 12: Miscellaneous

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

must be in the aircraft when operated.

NATIONALITY AND
REGISTRATION MARKS **N 1071X**

AIRCRAFT
28-7

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
PIPER PA-28-140

Aircraft Address Code **50020506**

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

LLC

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 provisions of the Federal Aviation Act of 1958, as amended, and with Title 49, United States Code, and the regulations issued thereunder

DATE OF ISSUE **October 30, 2015**
EXPIRATION DATE **October 31, 2028**

Polly Trotter

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N1071X	2 MANUFACTURER AND MODEL Piper Aircraft 28-140	3 AIRCRAFT SERIAL NUMBER 28-7525274	4 CATEGORY Utility
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5 AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein
Exceptions:

NONE

6 TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States

DATE OF ISSUANCE R 25 Apr 1975	FAA REPRESENTATIVE Edgar Martha	DESIGNATION ASO-PS
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years or both.
THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.