

Factual Report – Attachment 5
ACFT Services, LLC Pilot Training Records

OPERATIONAL FACTORS

CEN17FA168

Pilot Name: Robin Shaw	Certificate # On file with operator
Aircraft serial # MSN <u>105</u> N <u>933DC</u>	Medical Class & Issue Date: On file with operator

	Status	Date	Hours
PRE FLIGHT: WALK AROUND	S	10/26-28	.4/.2/.2
START PROCEDURES	S	10/26-28	Gnd
GROUND HANDLING / TAXI	S	10/26-28	Gnd
PRE-TAKEOFF BRIEF	S	10/26-28	Gnd
NORMAL TAKEOFF	S	10/26-28	
SHORT FIELD TAKEOFF	S	10/26/28	
STANDARD RATE CLIMB	S	10/26-28	
MAXIMUM RATE CLIMB	S	10/26-28	
STALL – CLEAN CONFIGURATION (TO STICK SHAKER)	S	10/26	
STALL – CLEAN CONFIGURATION (TO STICK PUSHER)	S	10/26	
STALL - ACCELERATED STALL (TO STICK SHAKER)	S	10/26	
STALL - APPROACH CONFIGURATION (TO STICK SHAKER)	S	10/26	
STALL - APPROACH CONFIGURATION (TO STICK PUSHER)	S	10/26	
STALL - LANDING CONFIGURATION (TO STICK SHAKER)	S	10/26	
STALL - LANDING CONFIGURATION (TO STICK PUSHER)	S	10/26	
UNUSUAL ATTITUDE RECOVERY	S	10/26	
SIMULATED ENGINE FAILURE – ENROUTE*	S	10/27	
SIMULATED ENGINE FAILURE – TRAFFIC PATTERN*	S	10/27	
SIMULATED or ACTUAL HIGH SPEED DESCENT (Initial only)	D		

*** INSTRUCTOR DISCRETION FOR VFR & TRAFFIC CONSIDERATIONS**

INSTRUMENT APPROACHES:	Completed	Date	Hours
PRECISION (NORMAL INSTRUMENTATION)	S	10/27-28	
PRECISION (PARTIAL INSTRUMENTATION)	S	10/28	
PRECISION (RAW DATA or FMS PFD OPERATION)	S	10/28	
NON-PRECISION (NORMAL INSTRUMENTS)	S	10/27-28	
NON-PRECISION (PARTIAL INSTRUMENTS)	S	10/28	
CIRCLE-TO-LAND	S	10/28	
MISSED APPROACH	S	10/27-28	
HOLDING	S	10/27	
AUTOPILOT COUPLED PRECISION	S	10/27-28	
AUTOPILOT COUPLED NON-PRECISION	S	10/27-28	
AUTOPILOT MISSED APPROACH	S	10/27-28	
NORMAL LANDING	S	10/26-28	
SHORT FIELD LANDING	S	10/26,28	
FLAP 0° LANDING	S	10/26	
PUSHER ICE MODE LANDING	S	10/28	■
TOTAL FLIGHT TIME:	Hours		5.2
S = Satisfactory, U = Unsatisfactory, I = Incomplete, D = Discussed		PASS FAIL INCOMPLETE (circle one)	
TRAINING STATUS (circle one)	Initial Recurrent		
INSTRUCTOR SIGNATURE: _____ INSTRUCTOR PRINT NAME: <u>John K Morris</u>			
CFI #: [REDACTED] EXP <u>12</u> / ____ / <u>2017</u>			

ACFT Services: Ground Training Record

Pilot Name: Robin D Shaw	Start Date:
Aircraft MSN: 105	10/25/2016

PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
General Operating Subjects		
Weight & Balance		
Aircraft Performance: Normal / Icing /Hot-High		Use of Digital Performance application
Adverse Weather Procedures		
FAA Approved- Aircraft Flight Manual		
Flight Planning and Performance		Total time General Operating: 1.5 Hours
Aircraft Systems:		
AIRPLANE GENERAL:		
Overview		
Airplane equipment		
Airframe Structure – fuselage, wings, empennage		
Forward Section (non-pressurized)		
Pressurized section:		
Flight Compartment		
Passenger Compartment		
Passenger/Airstair Door		
Cargo Door		
Overwing Emergency Exit		
Handheld Fire Extinguisher		
Aft Section (non-pressurized)		
Review Questions		
Limitations		
Emergency Procedures		Total time Airplane General: 1.0 Hours
Ground Training:	Time to date 2.5 Hours	

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	

PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
ENGINE:		
Overview		
Engine Installation		
Operation Theory and Power ratings		
Engine Description:		
Compressor Section		
Combustion Section		
Turbine Section		
Reduction Gearbox		
Accessory Gearbox		
Engine Controls:		
Manual Override		
Power Control Lever		
Condition Lever		
Friction Lock		
Engine Indicating System (EIS):		
Torque		
Inter-Turbine Temperature		
Gas Generator		
Propeller		
Indicated Outside Air Temperature		
Fuel Flow		
Oil Temperature		
Oil Pressure		
Engine Oil System:		
Oil Pressure System		
Oil Scavenge System		
Engine Chip Detection		
Engine Fuel System:		
Engine Driven Fuel Pumps		
Fuel Control Unit		
Continued next page		
Ground Training:	Time to date 2.5	Hours

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw Aircraft MSN: 105	Date:
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PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
ENGINE:	/	
Engine Fuel System: continued		
Oil-to-Fuel Heat Exchanger		
Flow Divider		
Fuel Manifold and nozzles		
Ignition System:		
Auto		
Manual		
Starting System:		
Propeller System:		
Propeller Governors		
Propeller Reverse		
Propeller Feathering		
Engine Fire Detection System		
Review Questions		
Limitations		
Emergency Procedures	█	Total time Engine: 2.5 Hours
FUEL SYSTEM:		
Overview		
Fuel Storage System:		
Fuel Tanks		
Servicing		
Fuel Venting System		
Fuel Drains		
Distribution System:		
Electric Fuel Boost Pumps		
Engine Driven Fuel Boost Pumps		
Motive Flow Jet Pumps	/	
Continued next page		
Ground Training:	Time to date 5.0	Hours

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	

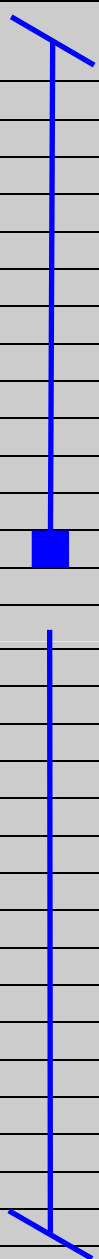
PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
FUEL SYSTEM: continued	/	
Distribution System: cont.		
Automatic Fuel Balancing System		
Fuel Firewall Shutoff Valve		
Oil-to-Fuel Heat Exchanger		
Fuel Purge System		
Fuel System Indication:		
Fuel Quantity Indication		
Fuel Flow Indication		
Low Fuel Pressure System / Indication		
Low Fuel Quantity Indication		
Review Questions		
Limitations		
Emergency Procedures	■	Total time Fuel System: 1.75 Hours
FLIGHT CONTROLS:		
Overview		
Control Wheels		
Ailerons		
Aileron Trim		
Elevators		
Stabilizer:		
Stabilizer Trim Controls		
Main / Alternate		
Rudder Pedals		
Rudder		
Rudder Trim / Yaw Damper		
Autopilot System:	/	
Continued next page		
Ground Training:	Time to date 6.75	Hours

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	

PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS	
FLIGHT CONTROLS: continued			
Autopilot Control			
Wing Flaps:			
Flap Actuation System			
Flap Control			
Flap Position Indicator			
Asymmetric Flap Protection			
Stall Warning			
Stick Shaker / Pusher System			
Flight Control Lock(s)			
Review Questions			
Limitations			
Emergency Procedures		■	Total time Flight Controls: 2.25 Hours
ELECTRICAL SYSTEM:			
Overview			
DC Power Source:			
NiCad or Lead Acid Battery (ies)			
Starter / Generator			
2 nd Generator			
DC Power Distribution			
Circuit Protection			
DC System Indication:			
Load / Volt Meters			
Annunciator Lights			
External Power System			
AC Power System			
AC System Indications			
Exterior Lighting			
Interior Lighting			
Continued next page			
Ground Training:	Time to date 9.0	Hours	

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	

PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
ELECTRICAL SYSTEM: continued	/	
Review Questions		
Limitations		
Emergency Procedures	■	Total time Electrical System: 2.0 Hours
FLIGHT INSTRUMENTATION:		
Overview		
Pitot-Static System (Single / Dual)		
Pitot tube (s)		
Static ports		
Airspeed Indicator (s):		
Mach / Overspeed pointer / indication		
Markings		
Altimeters: Static / Electric / Digital		
Altitude alerting / reporting		
Radio / Barometric Altimetry		
Vertical Speed Indications		
Compass System		
Attitude Heading Reference System		
Electronic Flight Instrumentation System / Pilot Flight Display		
Standby Attitude Indicator		
Mechanical Course Deviation Indicator / RMI		
Review Questions		
Limitations		
Emergency Procedures	■	Total time Flight Instrumentation: 2.0 Hours
Ground Training:	Time to date 13.0	Hours

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	


PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
ENVIRONMENTAL CONTROL:		
Overview		
Environmental Air Source		
Engine Bleed Air		
Bleed Air Temperature Control		
Bleed Air Distribution		
Cabin temperature Control		
Air Distribution System:		
Environmental Controls		
Supplemental Heating System		
Supplemental Cooling System		
Cabin Pressurization System:		
Cabin Pressurization Control		
Cabin Pressurization Indicators		
Cabin Outflow and Safety Valves		
Oxygen System:		
Crew Masks		
Passenger Masks		
Standard System		
Long Range System		
Auto / Manual Passenger Oxygen Control		
Review Questions		
Limitations		
Emergency Procedures	■	Total time Environmental Control: 2.0 Hours
ICE PROTECTION SYSTEMS		
Overview		
Continued next page		
Ground Training:	Time to date 15.0 Hours	

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw Aircraft MSN: 105	Date:
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PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS	
ICE PROTECTION SYSTEMS continued			
Pitot-Static Heat			
Angle of Attack Heat:			
AOA Plate Heat			
AOA Probe Heat			
Windshield Heat System			
MSN 101-200			
MSN 201-after			
Engine Anti-Ice Systems:			
Engine Inlet Heat			
Engine Inertial Separator			
Surface DeIce System			
Propeller DeIce System			
Pusher Ice Mode			
Review Questions			
Limitations			
Emergency Procedures			Total time Ice Protection: 1.75 Hours
Ground Training:	Time to date 16.75	Hours	

ACFT Services: Ground Training Record

Pilot Name: Robin D. Shaw	Date:
Aircraft MSN: 105	

PC12 INITIAL TRAINING

SUBJECT AREA	TIME	COMMENTS
LANDING GEAR / BRAKES		
Overview		
Landing Gear System Description		
Nose Gear:		
Strut and Tire Assembly		
Actuator Assembly		
Doors		
Nosewheel Steering System		
Main Gear:		
Strut and Tire Assembly		
Actuator Assembly		
Doors		
Weight-on-Wheels Switches		
Landing Gear Control and Indications		
Landing Gear Control handle		
Landing Gear Warnings and Indications:		
Landing Gear Lights test		
Landing Gear Hydraulics:		
Hydraulic Pressure Source		
Hydraulic Fluid Reservoir		
Hydraulic System Components		
Landing Gear Operation:		
Landing Gear Extension / Retraction		
Landing Gear Emergency Extension System		
Brakes:		
Parking Brake System		
Review Questions		
Limitations		
Emergency Procedures		Total time Landing Gear / Brakes : 1.75 Hours
Ground Training: Time to date 18.5 Hours		