

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

1. AIRCRAFT TYPE (FAA) REGISTRATION MARKS	2. MANUFACTURER'S NAME AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N58TF	Beech 58P	TJ292	Normal

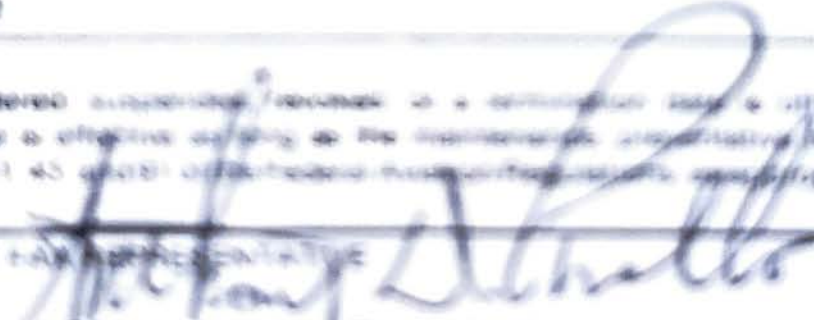
5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Regulations 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 B to the Convention on International Civil Aviation except as noted herein.
Exceptions

None

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or annulled as otherwise established by the Administrator, this airworthiness certificate is effective so long as the requirements for continuing maintenance and alterations are performed in accordance with Parts 21, 43, and 121 of the Federal Aviation Regulations, and the aircraft is registered in the United States.

DATE OF ISSUANCE Replacement 6.1.1/80	FAA REPRESENTATIVE  ANTHONY D. PIRRELLO	DESIGNATION NUMBER LFB-PM-PDO-66
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Any alteration, reproduction or misuse of this certificate shall be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 1 year, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

REGISTRATION NOT TRANSFERABLE

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

This certificate must be in the aircraft when operated.

NATIONALITY AND
REGISTRATION MARKS **N 58TF**

AIRCRAFT SERIAL NO.
TJ-292

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT
BEECH 58P

ICAO Aircraft Address Code: **51672476**

**KEITH ROBERT
701 W LIVE OAK ST
AUSTIN TX 78704-5007**

ISSUED TO

Individual

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.

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 **May 17, 2023**
EXPIRATION DATE **May 31, 2030**

[Signature]
ACTING
ADMINISTRATOR



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



MANUFACTURED BY
DOUGLAS AIRCRAFT
CORPORATION

SERIAL

MODEL

T.C.

P.C. 2

INITIAL	START	RUN-UP	TAKEOFF	DESCENT	AFTER LANDING
Weather & Den. Alt. Weight & Balance Performance Req. Flight Plan - File Papers - A.R.O.W. Mags - Off Mixtures - Full Lean Control Lock Cowl Flaps - Open Gear Lever - Down BATT - On Gear Lights - 3 Green Flaps - Down Pitot Heat - Test Stall Vanes - Test Lights - Int. / Ext. Fuel Gauges - True BATT - Off	Seat Track/Back-Lock Circuit Breakers Instr. Air Switch Rudder Pedals-Adjust Avionics - Off AP/AC - Off Cowl Flaps - Open Beacon - On Brakes - Set Cold 1st Engine Start Throttle - ½ Open Prop - High RPM Prop - Clear BATT - On Fuel Pump - On Mixture - Rich/Off Throttle - Slight Mags - Start Mixture - Rich Oil Pressure ALT - On #2 Engine - Start Lights - As Req. Fuel Pumps - Off Mixture - As Req.	Brakes - Set Flight Controls Elec. Trim / Autopilot Trim - Takeoff Instruments Fuel Selector - On Annunciator Lights Door Seal Switch Pressurization Mixture - Full Rich 1500 RPM Feather - Test 2000 RPM Mags (R&L) - Test Gyro Pressure Amps / Volts Oil Pressure Oil Temperature Alternators Idle - Check Closed Friction Lock	39.5"MP Max 2700 RPM Oil Pressure Rotate * 81 (93) VY - 115 (132) Gear - Up	Power - As Req. Mixture - Richen Cowl Flaps - Close ATIS / AWOS Altimeter - Set Instruments Heat / Defrost Pressurization Oxygen H.I. To Compass	Flaps - Up Fuel Pumps - As Req. Cowl Flaps - Open Landing Light - Off Strobes - Off Taxi Light - As Req. Deice Equip. - Off Pitot Heat - Off Heater - Off Door Seal Switch Trim - Takeoff Transpond - STBY
EXTERIOR SUMMARY <i>After Geographical Check</i> Fuel Quantity Fuel Quality Caps / Drains / Vents Engines / Oil / Belt Props / Air Intakes Exhaust Systems Cowl Flaps Surfaces & Controls Pitot & Static Ports Deice Equipment Gear / Tires / Brakes ELT - Armed Antennas / Static Wicks Baggage Doors Ties / Chocks Final Walk Around	PRE-TAXI / TAXI Seat Belts / Harness Flaps - Up Xfeed-Test/Fuel-On Heat/Vent/Defrost Avionics - On / Set Deice - Electric Test Transpond - STBY ATIS / AWOS Altimeter - Set Taxi Light - As Req. Brakes-Release/Test Attitude Indic.-Test Turn Coord. - Test H.I. / Compass-Test	PRE-TAKEOFF Flaps - 0° Props - High RPM Mixture - Full Rich Fuel Pumps - On Air Cond. - Off H.I. To Compass Doors / Windows Pitot Heat - As Req. Deice Equip. - As Req. Landing Light - On Strobes - On Transp-Alt + Sqwk Time - Note Brakes - Release Abort Plan - Ready!	CLIMB 130 (150) Throttle - 36" MP Props - 2400 RPM Mixture - As Req. Fuel Pumps - As Req. Prop Sync - On Yaw Damper- On Cowl Flaps - Open Instruments Pressurization Taxi / Land Light- Off Flight Plan - Open	PRE-LANDING Pressurization Landing Light - On Autopilot - Off Air Cond. - Off Yaw Damper - Off Prop Sync - Off Gas.....On / Pumps On Undercarriage.....Down Mixture.....Full Rich Props.....High RPM Flaps.....As Req. Seatbelts...& Harness	SECURING ELT - Verify Silent Avionics - Off Air Cond. - Off Fuel Pumps - Off Mixture - Full Lean Mags - Off BATT / ALT - Off Lights - Off Cowl Flaps - Close Hobbs / Tach Time Control Lock Chocks Tie Downs Pitot Cover Baggage Doors Cabin Doors
INTERIOR Passenger Brief Hobbs / Tach Time Fuel Selector - On Aft / Fwd Door Hook Oxygen Alternate Static Eng Gear Crank-Free			CRUISE Throttle Props Mixture (1650°) Fuel Pumps - As Req Cowl Flaps Instruments H.I. To Compass Cabin Altitude Light Oxygen Fuel - Proper Tanks	LANDING Gear - Down Flaps - 30° Or As Req. Speed * 100 (115)	Close Flight Plan
				GO AROUND Power - Full 92 KIAS (106 MPH) Positive Rate Climb Flaps - Retract Gear - Up Cowl Flaps - Open	* Adjust Speed As Needed For Conditions

Vr • Rotation Speed - 81 (92)	Vs0 • Stall with flaps - 78 (90)	Va • Max Abrupt (4000 lbs) 137 (158)	Vle • Max Gear Extend - 177 (204)
Vx • Best Angle Climb - 95 (109)	Vs • Stall w/o flaps - 84 (97)	Va • Max Abrupt (Full Gross) - 170 (196)	Vlo • Max Gear Operate - 177 (204)
Vxse • Best Angle 1 Eng - 102 (117)	Vmca • Min. Ctrl. 1 Eng - 81 (93)	Vno • Max Structural Cruise - 196 (226)	Vfe • 15° Flaps - 177 (204)
Vy • Best Rate Climb - 115 (132)	Vsse • 1 Eng. Intentional - 87 (100)	Vne • Never Exceed - 235 (270)	Vfe • Full Flaps - 143 (164)
Vyse • Best Rate 1 Eng. - 115 (132)			X Wind • Max Demo'd 30 (35)

	KNOTS (MPH)	FLAPS °	- NOTES -
DEPARTURE			Caution: Some V-Speeds Lower Above 16,000 Ft - See Placards
Rotation *	81 (93)	0	(1) Leave Fuel Pumps On if Temperature Above 32° C (90° F)
Best Angle Climb	95 (109)	0	Do Not Takeoff With Less Than
Best Rate Climb	115 (132)	0	13 Gallons in Each Wing Fuel System
CRUISE (IAS - 16,000')			Recommended Cruise Power Settings
Economy	187 (215)	0	26.0" Hg - 2200 RPM - 24.6 GPH
Normal	203 (233)	0	30.0" Hg - 2200 RPM - 29.2 GPH
Maximum	222 (255)	0	32.0" Hg - 2400 RPM - 38.2 GPH
ARRIVAL			
Approach	120 (138)	0-15	19" MP - (Initially)
Short Final *	100 (115)	30	High RPM

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Specs Are In: LBS, KIAS, Sea Level, Standard Day, Normal Category, Max. Gross Wt., No Wind, "Best Power", New Engine. () = MPH.
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POWER LOSS DURING TAKEOFF

- THROTTLES - CLOSE BOTH IMMEDIATELY
- BRAKES - AS REQUIRED / STOP STRAIGHT AHEAD
- * IF INSUFFICIENT RUNWAY REMAINS FOR STOPPING
 - * FUEL SELECTORS - OFF
 - * BATTERY / ALTERNATOR & MAGS - OFF

ONE ENGINE IMMEDIATELY AFTER TAKEOFF (Also One Engine Go-Around - Avoid If Possible)

- MIXTURES, PROPS, THROTTLES - FULL FORWARD
- AIRSPED - **100 KIAS** (115 MPH) (Until Clear Obstacles)
- GEAR / FLAPS - UP (Quality Landing Area Ahead?)
- DIRECTIONAL CONTROL - MAINTAIN
- IDENTIFY / VERIFY - CLOSE THROTTLE (Inop. Engine)
- PROP - FEATHER (Inop. Engine)
- AIRSPED - **115 KIAS** (132 MPH) (5° Bank & 1/2 Ball) to Good Engine

ONE ENGINE IN FLIGHT

- CONTROL AIRPLANE - MAINTAIN SAFE AIRSPED > **87 KIAS** (100 mph)
- INOPERATIVE ENGINE - IDENTIFY
- OPERATIVE ENGINE - ADJUST
- THROTTLE - AS NEEDED TO MAINTAIN CONTROL
- AIR START / UNFEATHERING
 - Mixture-Lean, Fuel-On, Fuel Pump-On, Mags-On, Throttle 1/2, Prime w/Mixture Rich then Lean, Cabin Air Shut-off Valve-Off
 - Prop: w/Accumulators - Forward Of Detent Until 600 RPM Then To Detent, Oil Pressure, Mixture Rich At 1000 RPM;
 - Prop: w/o Accumulators - Prop Forward Of Detent To Midrange, Starter Until Windmill, Mixture Forward As Engine Starts, (Don't Use Starter > 20K), Warm Engine At 15", Verify Oil/Fuel Pressure Push Open Cabin Press Air Shut-off Valve (When Engine Smooth)
- IF NO RESTART - SECURE DEAD ENGINE
 - Retard Throttle, Feather Prop, Mixture - Idle Cutoff, Fuel Pump Off, Fuel Off, Mag/Alt Off, Close Cowl Flap, Close Press Air Shutoff Control, AC-Off
- COWL FLAP (OPERATIVE ENGINE) - AS REQUIRED
- FUEL PUMP (OPERATIVE ENGINE) - AS REQUIRED

ONE ENGINE LANDING

- SECURE INOP. ENGINE - MAINTAIN SAFE AIRSPED
- POWER - TO MAINTAIN 800 FT/MIN RATE OF DESCENT
- LOWER GEAR / 15° FLAPS - WHEN FIELD ASSURED
- FINAL APPROACH - **100 KIAS** (115 MPH) (Minimum)
- FULL FLAPS - WHEN COMMITTED TO LAND

BOTH ENGINES OUT / LANDING

- AIRSPED - **122 KIAS** (140 MPH)
- PROPS - FEATHER
- MIXTURE - FULL LEAN / IDLE CUTOFF
- FUEL SELECTORS - OFF
- AC / AIR PRESS COOL SWITCH - OFF
- SQUAWK 7700
- DECLARE EMERGENCY (TWR, APP, Unicom, 121.5)
- SEATBELTS / HARNESS
- GEAR - DOWN (Up If Very Rough or Soft Terrain)
- FLAPS - AS NEEDED (Full Flaps When Field Assured)
- BATTERY / ALTERNATOR / MAGS - OFF
- UNLATCH DOOR & PROTECT BODY

IN FLIGHT ELECTRICAL FIRE

- ALL ELECTRICAL DEVICES + BATT / ALT - OFF (Mags On)
- PULL CIRCUIT BREAKERS (Oxygen - As Required)
- CABIN HEAT - OFF / PUSH IN CABIN PRESS AIR SHUTOFF CONTROLS
- IF FIRE OUT - BATT / ALT ON ONLY IF CRITICAL (Vents - Open)
- THEN ONE ESSENTIAL ELECTRICAL DEVICE AT A TIME
- RESET CIRCUIT BREAKER(S) ONLY IF CRITICAL
- TO EVACUATE SMOKE - DUMP CABIN & DOOR SEAL PRESS IF REQ.

IN FLIGHT ENGINE FIRE

- FUEL SELECTOR - OFF TO AFFECTED ENGINE
- MIXTURE - FULL LEAN / IDLE CUTOFF
- PROP - FEATHER / PULL CABIN PRESS AIR SHUTOFF CONTROL
- AUX FUEL PUMP - OFF
- ALTERNATOR / MAGNETOS / START SWITCH - OFF
- OXYGEN - AS REQ / AC & PRESS AIR COOL SWITCH - OFF
- INCREASE AIRSPED TO EXTINGUISH - LAND ASAP (See Descent)

STARTING ENGINE FIRE

- MIXTURE - FULL LEAN / IDLE CUTOFF
- CONTINUE CRANKING ENGINE
- FUEL SELECTORS - OFF
- THROTTLE FULL OPEN
- BATTERY / ALTERNATOR - OFF
- AC & PRESS AIR COOL SWITCH - OFF / CLOSE AIR SHUTOFF CONTROL
- SHUT DOWN OTHER ENGINE
- EVACUATE / FIRE EXTINGUISHER

ICING

- PITOT HEAT - ON
- DEICING EQUIPMENT - ON
- ALTERNATE AIR / STATIC SOURCE - AS NEEDED
- CABIN HEAT & DEFROST - MAXIMUM
- STRONGLY CONSIDER 180° TURN
- ATTAIN HIGHER OR LOWER ALTITUDE
- INCREASE ENGINE & PROP SPEED
- FLAPS NOT RECOMMENDED FOR LANDING
- LAND FASTER AS NEEDED

MANUAL GEAR EXTENSION

- SPEED < **177 KIAS** (204 MPH) (100-115 KIAS (115-132) Recommended)
- PULL LANDING GEAR MOTOR CIRCUIT BREAKER
- LOWER LANDING GEAR LEVER
- REMOVE HANDCRANK COVER
- HAND CRANK - APPROX. 50 COUNTERCLOCKWISE TURNS
- IF ELECTRICAL SYSTEM OK - VERIFY GEAR LIGHTS & HORN

EMERGENCY DESCENT

- USE OXYGEN IF AVAILABLE
- ABOVE 12,500 FT / LOSS OF PRESSURIZATION / ABOVE 3.9 PSI DIFF. PRESS. IN RED ARC - RESET CABIN ALT. or DUMP POSITION ON PRESSURE SWITCH
- PROPS - 2700 RPM / CLOSE THROTTLES
- GEAR - DOWN / FLAPS - 15°
- AIRSPED - **175 KIAS** (201 mph) (Below 21,000 FT)

TOWER SIGNALS	ON GROUND	IN FLIGHT
Steady Green	Cleared For Takeoff	Cleared To Land
Flashing Green	Cleared To Taxi	Return For Landing
Steady Red	Stop	Yield & Continue Circling
Flashing Red	Taxi Clear of Landing Area	Airport Unsafe - Do Not Land
Flashing White	Return To Starting Point	N/A
Alternating Red & Green	Use Extreme Caution	Use Extreme Caution

- * Every Plane Has A Different Empty Weight And Useful Load.
Beechcraft Baron 58P (Continental: TSIO-520-WB, 325 HP)

- * Empty Weight: LBS (Specific Plane Weight)
- * Max. Useful Load: LBS (Including Fuel @ 6 lbs/gal)
- Max. Bag Area: 300 LBS (Nose)
120 LBS (Aft)
- Max. T.O. Weight: 6200 LBS (Zero Fuel Weight 5700 lbs)

- Fuel Type: 100 LL (Blue) / 100 (Green)
- Usable Fuel: 166 Gallons (190 w/ Optional System)
- Oil Capacity: 12 Quarts Per Engine
- Electrical: 12 VT in Series-28 VOLT. 50/60/100 AMP
- Tire Pressure: Nose - 47-50 PSI / Main - 76-82 PSI

BEFORE START

- | | |
|---|-----------------------------------|
| 1. AFT DOOR VISUAL INDICATORS | CHECK |
| 2. EMERGENCY EXIT | CHECK |
| 3. INSTRUMENT AIR | NORMAL |
| 4. SEATS | POSITION LOCKED,
BACKS UPRIGHT |
| 5. SEAT BELTS, SHOULDER HARNESS | FASTEN |
| 6. OXYGEN | CHECK OPERATION |
| 7. LANDING GEAR HANDLE | DOWN |
| 8. COWL FLAP SWITCHES | CHECK, OPEN |
| 9. FUEL SELECTORS | CHECK, ON |
| 10. ALL CIRCUIT BREAKERS, SWITCHES AND EQUIPMENT CONTROLS | CHECK |
| 11. BATTERY SWITCH | ON |
| 12. ALTERNATOR SWITCHES | ON |
| 13. FUEL QUANTITY INDICATORS | CHECK QUANTITY |
| 14. LANDING GEAR POSITION INDIC | CHECK. |

AFTER START

- | | |
|-------------------------------|----------------|
| 1. BRAKES | CHECK |
| 2. LOADMETERS | CHECK |
| 3. AVIONICS | ON AS REQUIRED |
| 4. LIGHTS | AS REQUIRED |
| 5. CABIN TEMPERATURE | AS REQUIRED |
| 6. ANNUNCIATOR WARNING LIGHTS | PRESS-TO-TEST |
| 7. INSTRUMENTS | CHECK |
| 8. DOOR SEAL SWITCH | INFLATE. |

BEFORE TAKE-OFF

- | | |
|---------------------------------|--------------------------|
| 1. SEAT BELTS, SHOULDER HARNESS | CHECK |
| 2. PARKING BRAKE | SET |
| 3. ENGINE WARM-UP | 1000 TO 1500 RPM |
| 4. FUEL SELECTORS | CROSSFEED (10-15 SEC) |
| 5. FUEL SELECTORS | RETURN BOTH TO ON |
| 6. FLIGHT CONTROLS | FREE & CORRECT |
| 7. INSTRUMENTS | CHECK, NORMAL
AND SET |
| 8. FLAPS | CHECK OPERATION |
| 9. AUTOPILOT | CHECK |
| 10. ELECTRIC TRIM | CHECK OPERATION |
| 11. TRIM | SET TO TAKE-OFF |
| 12. THROTTLES | 2000 RPM |
| 13. MAGNETOS | CHECK |
| 14. PRESSURIZATION | CHECK & SET |
| 15. THROTTLES | 1500 RPM |
| 16. PROPELLERS | FEATHER CHECK |
| 17. STARTER ENERGIZED LIGHT | CHECK |
| 18. FUEL BOOST PUMPS | ON |
| 19. GYRO PRESSURE, LOAD METERS | CHECK |
| 20. THROTTLES | IDLE |
| 21. ICE PROTECTION | AS REQUIRED |
| 22. PARKING BRAKE | RELEASE. |

TAKEOFF

- | | |
|-----------------|---|
| 1. POWER | SET |
| 2. AIRSPEED | ACCELERATE TO AND
MAINTAIN TAKEOFF SPEED |
| 3. LANDING GEAR | RETRACT |
| 4. AIRSPEED | ESTABLISH DESIRED
SPEED. |

CLIMB

- | | |
|-----------------------|-----------|
| 1. POWER | SET |
| 2. PROP SYNCHROPHASER | ON |
| 3. FUEL BOOST PUMPS | ON |
| 4. MIXTURES | FULL RICH |
| 5. COWL FLAPS | OPEN |
| 6. AIRSPEED | 115 KTS. |

CRUISE CLIMB

- | | |
|-----------------------|--------------|
| 1. POWER | SET |
| 2. PROP SYNCHROPHASER | ON |
| 3. MIXTURE | RICH |
| 4. AIRSPEED | 130 KTS |
| 5. COWL FLAPS | AS REQUIRED |
| 6. FUEL BOOST PUMPS | AS REQUIRED. |

CRUISE

- | | |
|---------------------|-------------|
| 1. POWER | SET |
| 2. FUEL FLOW | LEAN |
| 3. FUEL BOOST PUMPS | OFF |
| 4. COWL FLAPS | AS REQUIRED |
| 5. CABIN ALT LIGHT | MONITOR. |

DESCENT

- | | |
|-----------------------|--------------|
| 1. ALTIMETER | SET |
| 2. COWL FLAPS | CLOSED |
| 3. WINDSHIELD DEFROST | AS REQUIRED |
| 4. PRESSURIZATION | SET |
| 5. POWER | AS REQUIRED. |

BEFORE LANDING

- | | |
|---------------------|-----------------------------|
| 1. PRESSURIZATION | ZERO DIFFERENTIAL |
| 2. SEAT BELTS | CHECK |
| 3. FUEL BOOST PUMPS | ON |
| 4. MIXTURES | FULL RICH |
| 5. FLAPS | APPROACH |
| 6. LANDING GEAR | DOWN |
| 7. PROP SYNC | OFF |
| 8. FLAPS | FULL |
| 9. AIRSPEED | ESTABLISH
APPROACH SPEED |
| 10. PROPS | FULL FORWARD. |

AFTER LANDING

- | | |
|----------------------------|-------------|
| 1. LANDING AND TAXI LIGHTS | AS REQUIRED |
| 2. FLAPS | UP |
| 3. TRIM | SET TO 0° |
| 4. COWL FLAPS | OPEN |
| 5. BOOST PUMPS | AS REQUIRED |
| 6. ICE PROTECTION | OFF |
| 7. DOOR SEAL SWITCH | DEFL. |

SHUTDOWN

- | | |
|----------------------------------|--------------|
| 1. PARKING BRAKE | SET |
| 2. HEATER AND AIR CONDITIONER | OFF |
| 3. ELECTRICAL AND AVIONICS EQUIP | OFF |
| 4. PROPELLERS | HIGH RPM |
| 5. THROTTLES | 1000 RPM |
| 6. BOOST PUMPS | OFF |
| 7. MIXTURES | IDLE CUT-OFF |
| 8. MAGNETOS | OFF |
| 9. BATT AND ALT SWITCHES | OFF. |

EMERGENCY PROCEDURES

SIMCOM
TRAINING CENTERS

ENGINE FAILURE DURING GROUND ROLL

1. THROTTLES CLOSED
2. BRAKING MAXIMUM
3. FUEL SELECTORS OFF
4. BATTERY, ALTERNATOR, AND MAGNETOS OFF.

ENGINE FAILURE IN FLIGHT

1. LANDING GEAR AND FLAPS UP
2. THROTTLE (INOPERATIVE ENGINE) CLOSED
3. PROPELLER (INOPERATIVE ENGINE) FEATHER
4. POWER (OPERATIVE ENGINE) AS REQUIRED
5. AIRSPEED BLUELINE
6. SECURE INOPERATIVE ENGINE:
 - A. MIXTURE CONTROL IDLE CUT-OFF
 - B. FUEL SELECTOR VALVE OFF
 - C. FUEL BOOST PUMP OFF
 - D. MAGNETO/START SWITCH OFF
 - E. ALTERNATOR SWITCH OFF
 - F. COWL FLAP CLOSED
 - G. CABIN PRESS AIR SHUTOFF PULL CLOSED
7. ELECTRICAL LOAD MONITOR
8. AIR COND/PRESS AIR COOL SWITCH OFF.

AIR START

1. MIXTURE IDLE CUT-OFF
2. FUEL SELECTOR ON
3. FUEL BOOST PUMP ON
4. MAGNETO SWITCHES ON, BOTH
5. THROTTLE NORMAL START POSITION
6. PRIME MIXTURE FULL
FORWARD THEN IDLE CUT-OFF
7. CABIN PRESS AIR SHUTOFF CLOSED
8. PROPELLER FORWARD

WITHOUT UNFEATHERING ACCUMULATORS:

- A. MAG/START SWITCH START
- B. MIXTURE FORWARD AS ENGINE STARTS

WITH UNFEATHERING ACCUMULATORS:

- A. MIXTURE FULL RICH AT 1000 RPM
9. THROTTLE AS REQUIRED
10. ENGINE INSTRUMENTS MONITOR
11. ALTERNATOR ON
12. POWER AS REQUIRED
13. CABIN PRESS AIR SHUTOFF OPEN.

ENGINE FIRE ON GROUND

1. MIXTURE IDLE CUT-OFF
2. CONTINUE TO CRANK AFFECTED ENGINE
3. FUEL SELECTOR OFF
4. THROTTLE FULL OPEN
5. BATT AND ALT SWITCHES OFF
6. AIR COND/PRESS AIR COOL SWITCH OFF
7. CABIN PRESS AIR CLOSED
8. SHUT DOWN OTHER ENGINE
9. EXTINGUISH FIRE WITH EXTINGUISHER.

ENGINE FIRE IN FLIGHT

1. FUEL SELECTOR OFF
2. MIXTURE CONTROL IDLE CUT-OFF
3. PROPELLER FEATHER
4. CABIN PRESS AIR CLOSED
5. FUEL BOOST PUMP OFF
6. MAGNETO SWITCH OFF
7. ALTERNATOR SWITCH OFF
8. OXYGEN AS REQUIRED
9. AIR COND/PRESS AIR COOL SWITCH OFF.

EMERGENCY DESCENT

1. PROPELLERS 2700 RPM
2. THROTTLES CLOSED
3. AIRSPEED 175 KTS
4. LANDING GEAR DOWN
5. FLAPS APPROACH (15°)
6. OXYGEN AS REQUIRED.

ONE ENGINE OPERATION ON CROSSFEED

LEFT ENGINE INOPERATIVE:

1. LEFT FUEL BOOST PUMP ON
2. LEFT FUEL SELECTOR OFF
3. RIGHT FUEL SELECTOR CROSSFEED
4. RIGHT FUEL BOOST PUMP OFF.

RIGHT ENGINE INOPERATIVE:

1. RIGHT FUEL BOOST PUMP ON
2. RIGHT FUEL SELECTOR OFF
3. LEFT FUEL SELECTOR CROSSFEED
4. LEFT FUEL BOOST PUMP OFF.

ELECTRICAL SMOKE OR FIRE

1. ALTERNATOR SWITCHES OFF
2. BATTERY SWITCH OFF
3. OXYGEN AS REQUIRED
4. ALL ELECTRICAL SWITCHES OFF
5. BATTERY SWITCH ON
6. ALTERNATOR SWITCHES ON
7. ESSENTIAL ELECTRICAL EQUIPMENT ON.

MANUAL LANDING GEAR EXTENSION

1. LANDING GEAR MOTOR CIRCUIT BREAKER PULL
2. LANDING GEAR HANDLE DOWN
3. HANDCRANK COVER REMOVE. ENGAGE HANDCRANK AND TURN COUNTERCLOCKWISE AS FAR AS POSSIBLE (APPROX 50 TURNS)
4. LANDING GEAR POS. IND. AND WARNING HORN CHECK.

ILLUMINATION OF ALTERNATOR OUT LIGHT

1. LOAD METER CHECK
- IF NO LOAD:
 2. ALT SWITCH OFF
 3. ALTERNATOR FIELD CB CHECK/RESET
 4. ALTERNATOR SWITCH ON
- IF ALT LIGHT REILLUMINATES OR CB TRIPS:
 5. ALTERNATOR SWITCH OFF
 6. LOAD (OPERATIVE ENG) MONITOR.

Note: The procedures listed in this document are for simulator training purposes only and are not intended to supersede current procedures outlined in the Pilot's Operating Handbook specific to your aircraft.

58P BARON CHECK LIST

PREFLIGHT

1. Control Locks	OFF
2. Static Port	CLEAR
3. E.L.T.	ARMED
4. Elevator/Boot	CHECK
5. Vertical Fin/Boot	CHECK
6. Antennas	CHECK
7. Tire	CHECK
8. Fuel Sumps	DRAINED
9. Uplock Roller, Spring, Cable	CHECK
10. Flap	CHECK
11. Wing, Boot, Aileron	CHECK
12. Fuel Quantity (Wing Tip Tank First)	CHECK
13. Oil Quantity	CHECK
14. Prop	CHECK
15. Fuel Sumps	DRAINED
16. Nose Wheel & Pitot Tube	CHECK
17. Nose Baggage Compartment	SECURE
18. Reverse above from #15	
19. Aft Cabin Door	SECURE

PRESTART

1. Forward/Aft Door	3 CHECKS
2. Seat Upright/Seal Belts	CHECK
3. Parking Brake	SET
4. Landing Gear	DOWN
5. Cowl Flaps	OPEN
6. Fuel Selectors	ON
7. Circuit Breakers	IN
8. Radio Master	OFF
9. Battery/Alternators	ON
10. Fuel Computer	SET AND VERIFIED
11. Fuel Quantity Indicators	CHECK
12. Landing Gear Indicators	DOWN

STARTING (Cold)

- | | |
|-----------------------------------|-----------------------|
| 1. Propellers | HIGH RPM |
| 2. Mixtures | IDLE CUT-OFF |
| 3. Boost Pump | ON |
| 4. Throttle | 1/2 OPEN |
| 5. Mixture | FULL RICH (5-6 sec.) |
| 6. Mixture | IDLE CUT-OFF |
| 7. Throttle | 1/2-INCH OPEN |
| 8. Starter | ENGAGED |
| 9. When Engine Starts | FULL RICH-SLOWLY |
| 10. Oil Pressure | CHECK |
| 11. Go to #3 for remaining engine | |
| 12. External Power | DISCONNECTED |
| 13. Load Meters | CHECK |
| 14. Boost Pumps | OFF (on if over 90°F) |

STARTING (Hot)

- | | |
|-------------------------------------|----------------------|
| 1. Propellers | HIGH RPM |
| 2. Mixtures | IDLE CUT-OFF |
| 3. Boost Pump | ON |
| 4. Throttle | 1 INCH OPEN |
| 5. Mixture | FULL RICH (2-3 Sec.) |
| 6. Mixture | IDLE CUT-OFF |
| 7. Starter | ENGAGED |
| 8. When Engine Starts | FULL RICH-SLOWLY |
| 9. Continue from #9 (Cold) Starting | |

BEFORE TAXI

- | | |
|-----------------------|---------------|
| 1. Clock | SET |
| 2. Avionics | ON, SET, ATIS |
| 3. H.S.I. | SET |
| 4. Altimeter | SET |
| 5. Strobe/Nav. Lights | ON |
| 6. Annunciator Lights | CHECK |
| 7. Door Seal | INFL. (up) |
| 8. Cabin Temp. | AS REQUIRED |
| 9. Taxi Light | ON |
| 10. Parking Brake | OFF |

1. Parking Brake	ON
2. Taxi Light	OFF
3. Engine Warm-Up	1000-1500 RPM
4. Flight Controls	CHECK
5. Instruments/Gauges	CHECK
6. Flaps	CHECK
7. A/P	CHECK & SET
8. Y/D	OFF
9. Prop Synchronizer	OFF
10. Cabin Pressure Air Shutoff	OPEN
11. Pitch Trim/Circuit Breaker	CHECK
12. Oil Temperature	CHECK
13. Throttles 2000 RPM	MAG CHECK
14. Pressurization	CHECK & SET
15. Throttles 1500 RPM	FEATHER CHECK
16. Boost Pumps	ON
17. Gyro Pressure/Load Meters	CHECK
18. Ice Protection	AS REQUIRED
19. Avionics	SET
20. Landing Lights	ON
21. Environmental	OFF
22. Parking Brake	OFF

CRUISE CLIMB

1. Landing Gear	UP
2. Flaps	UP
3. Power	SET 36 in. Hg/2400 RPM
4. Gauges	CHECK
5. Mixture	FULL RICH
6. A/S	130 KTS
7. Y/D	ON
8. Prop Synchronizer	ON
9. Cowl Flaps	SET TO MAINTAIN BELOW 420°F
10. Boost Pumps	AS REQUIRED
11. Pressurization Controller	CHECK
12. Altimeter	29.92 above FL180
13. Landing Lights	OFF

1000-1500 RPM

CRUISE

- | | |
|----------------|-----------------------|
| 1. Power | SET |
| 2. Fuel Flow | PEAK TIT or 1650°F |
| 3. Boost Pumps | OFF (Unless Required) |
| 4. Cowl Flaps | AS REQUIRED |
| 5. Gauges | CHECK |

DESCENT

- | | |
|---|-----------------------|
| 1. Altimeter | SET BELOW FL180 |
| 2. Cowl Flaps | CLOSED |
| 3. Windshield Defrost & Heat | SET |
| 4. Pressurization | SET (500' abv. field) |
| 5. Power | AS REQUIRED |
| 6. Watch Vno | |
| 7. A-100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000 | |

BEFORE LANDING

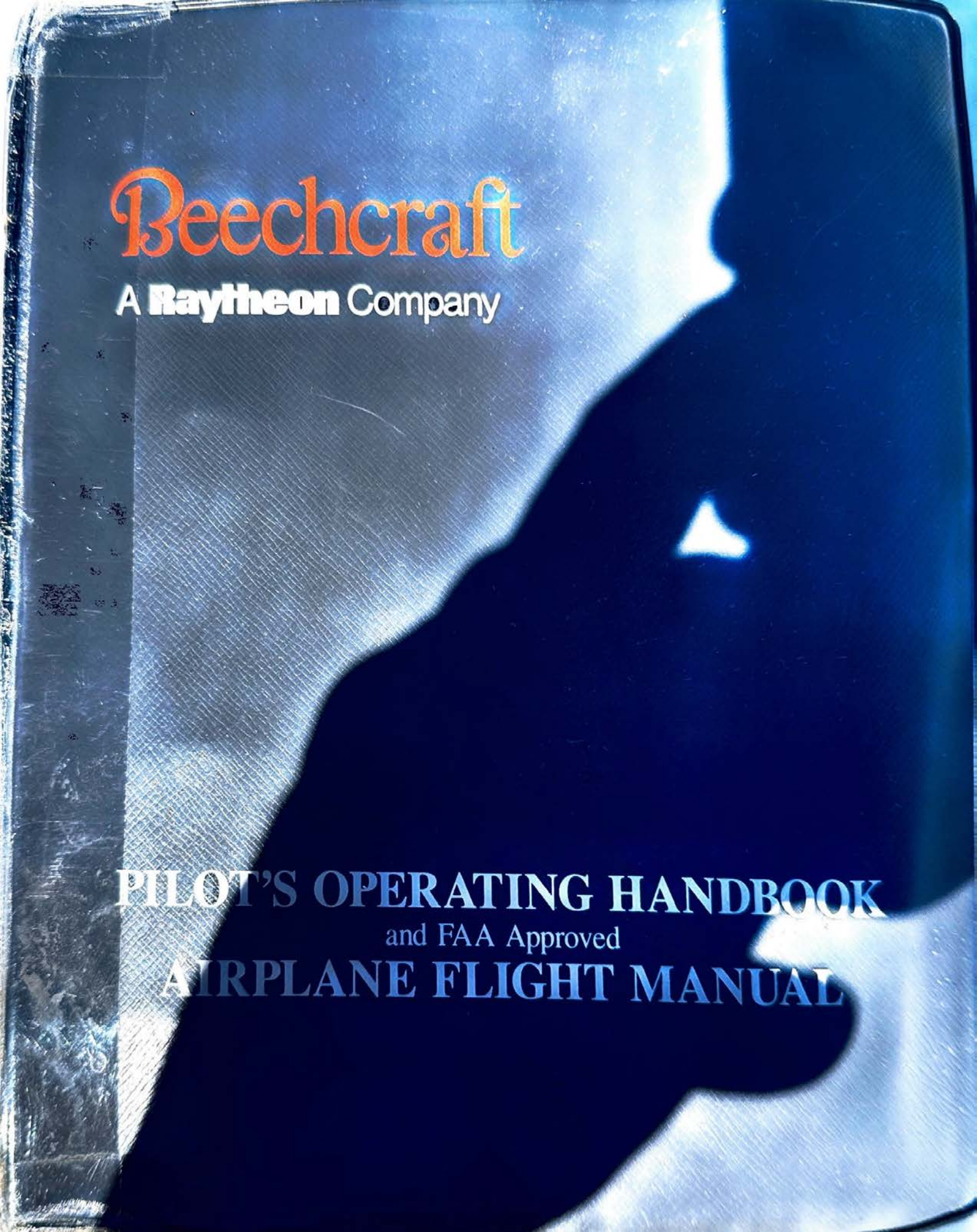
- | | |
|-----------------------|--------------|
| 1. Pressurization | ZERO DIFF. |
| 2. Seat Belts | ON |
| 3. Fuel Boost Pumps | ON |
| 4. Y/D | OFF |
| 5. Prop. Synchronizer | OFF |
| 6. Landing Lights | ON |
| 7. Mixture | FULL RICH |
| 8. Flaps | AS REQUIRED |
| 9. Landing Gear | DOWN/3 GREEN |
| 10. Propellers | HIGH RPM |

AFTER LANDING

- | | |
|---------------------------------|-------------|
| 1. Turbo Time | START |
| 2. Lnd. Lts - OFF; Taxi Lt - ON | |
| 3. Cowl Flaps | OPEN |
| 4. Flaps | UP |
| 5. Fuel Boost Pumps | AS REQUIRED |
| 6. Ice Protection | OFF |
| 7. Door Seal | DEFL. |
| 8. Cabin | DUMP |

SHUTDOWN

- | | |
|---------------------|--------------|
| 1. Parking Brake | AS REQUIRED |
| 2. Heater/Air Cond. | OFF |
| 3. Lights | OFF |
| 4. Avionics Master | OFF |
| 5. Boost Pumps | OFF |
| 6. Mixtures | IDLE CUT-OFF |
| 7. Mags | OFF |
| 8. Trims | SI |
| 9. Fuel Computer | SE |
| 10. Alt/Battery | OFF |
| 11. Control Locks | AS REQUIRED |



Beechcraft

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PILOT'S OPERATING HANDBOOK
and FAA Approved
AIRPLANE FLIGHT MANUAL

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