



MAX OIL TEMP - 175°F
 MIN / MAX CHT - 240° F / 400° F
 MAX EGT - 1400°F

CLIMB:		(32-35"/2500 RPM)
1	Gear	UP
2	Landing lights	OFF
3	Climb power	SET
4	Flaps	UP
5	Cowlflap	AS REQ.
6	Transition altitude	1013 X-CHK
CRUISE: EGT MAX 1300 F		MAP NEVER OVER 32"
1	Cowl flaps (- 200 ft)	CLOSED
2	Cruise power and mixture	SET
DESCENT:		500ft/min – 120-130kts
MIN. EGT ≥1300°F MAX CHANGE IN CHT: 50°F PER MINUTE		
1	ATIS – if available	CHKD
2	Approach briefing	GIVEN
3	Nav-aids	SET
4	Transition level	QNH X-CHK
FINAL:		16"/2500 – 90 KIAS+/-5KTS
2	Gear down	3 GREEN
3	Landing lights	ON
4	GUMPS @ 1000' above minima	CHKD
5	If full stop – Heater / Wx radar	OFF
AFTER LANDING: (OUT OF RWY)		
1	Flaps	UP
2	Cowl flaps	OPEN
3	Pitot-heat + De-icing equipment	OFF
4	Transponder	SBY
5	Landing lights	OFF
PARKING:		
1	Parking brake	ON
2	Radio master / Electrical equipment	OFF
3	ENGINES 3 minutes	COOL DOWN
3	Mixture	ICO
4	Magnetos / Alternators / Master	OFF
5	Anti collision / Fuel selectors	OFF
6	Park brake	OFF
7	Last flight of the day	ALF CHKLST

		EMERGENCY CHECKLIST PA 34 LN-ABJ		TWS FEB 07
ENGINE FIRE ON GROUND				
1	Mixture	CUT OFF		
2	Throttles	OPEN		
3	Starter	CRANK ENGINE		
4	Fuel selector	OFF		
5	Magnetos-Alternators-Master	OFF		
6	Airplane	EVACUATE		
7	Fire extinguisher	AS REQ		
ENGINE FAILURE AFTER T/O >85KIAS				
1	Mixtures – Props – Throttles	FULL FORWARD		
2	Gear	UP		
3	Flap	UP		
4	Dead Engine	IDENTIFY		
5	Throttle	VERIFY		
6	Prop	FEATHER		
7	Mixture	CUT OFF		
8	Airspeed	BLUELINE		
DECIDE				
If VMC & <1000ft – SECURE & LAND – Perform SE app CHKLST				
If IMC – FOLLOW RWY CLP				
>1500 ft. AGL & Established RWY CLP – CAUSE CHECK				
SECURING INOP ENGINE:				
1	Throttle – Prop – Mixture	FULL RETARD		
2	Cowl flap	CLOSED		

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3	Trim			AS REQ
5	Aux. fuelpump			OFF
6	Magnetos			OFF
8	Alternator			OFF
9	Electrical load >65 AMP			REDUCE AS REQ
10	Fuel selector			OFF
11	Fuel management			X-FEED
ENGINE FAILURE ENROUTE:				
1	Mixtures – Props – Throttles (As req.)			FORWARD
2	Dead engine			IDENTIFY
3	Throttle			VERIFY
4	Alternate air			OPEN
5	Fuel quantity			CHECK
6	Fuel selector			ON or X-FEED
7	Fuel booster pump			HIGH BOOST
8	Magnetos			CHECK
RESTART				
1	MORA/MOCA			CHECK
2	Engine Secure Checklist			EXECUTE
TROUBLESHOOT/CAUSE CHECK INOP ENGINE:				
1	Mixture			AS REQ.
2	Fuel Selector			ON
3	Magnetos			CHECK L/R
4	Aux. Fuel pump			ON HI
5	If power not immediately restored			OFF
6	Alternate air			ON
7	If no start			SECURE
SINGLE ENGINE APPROACH:				
1	Engine Secure Procedure			COMPLETE
2	Prop			FULL FORWARD
3	Approach			90 KIAS
4	Within gliding distance			GEAR DOWN
5	When landing assured			FLAPS AS REQ
SINGLE ENGINE GO-AROUND				
1	Mix-Prop			FORWARD
2	Throttle advanced SLOWLY			40"
3	Flaps			UP
4	Gear			UP
5	Airspeed			92 KIAS
6	Trim & Cowlflap			AS REQ

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V _A 114	V _{RE} 100	V _{S0} 64	V _{XSE} 78	V _{SSE} 85	
V _{FE} 120	V _{LE} 120	V _X 76	V _{YSE} 92	V _{X-W} 16	
V _{LO} 120	V _{S1} 67	V _Y 92	V _{MCA} 66	V _R 80	
ENGINE FIRE IN FLIGHT:					
1	Fuel selector				OFF
2	Throttle				VERIFY
3	Propeller				FEATHER
4	Mixture				CUT OFF
5	Heater & Defroster				OFF
6	Engine Secure Checklist				EXECUTE
AIR START (UNFEATHERING PROCEDURE)					
1	Fuel selector				ON
2	Fuel booster pump				LO
3	Throttle				1/4 inch
4	Mixture				RICH
5	Magnetos				ON
6	Props				FULL FORWARD
7	Starter until				WINDMILLING
8	Throttle				WARMUP
9	Fuel booster pump				OFF

10	Alternator	ON
LANDING GEAR FAILURE		
1	Red light	RECYCLE
2	Circuit breakers	CHECK
3	Master	ON
4	Alternators	CHECK
5	Navlights	OFF
6	Airspeed	MAX 85 KTS
7	Gear selector	DOWN
8	Emergency extension knob	PULL & LEAVE OUT
9	3 green	CHECK
ALTERNATOR FAILURE		
1	Amperemeters	CHK L+R
2	Electrical load	MINIMUM
3	Alternators	OFF
4	Alternators	ONE AT A TIME
OUTPUT NOT RESTORED		
5	Master	OFF
6	Alternators	OFF
7	Alternators	ONE AT A TIME
OUTPUT NOT RESTORED		
8	Alternators	OFF
9	Master	ON
EXPECT FULL ELECTRICAL FAILURE		
FUEL MANAGEMENT SINGLE ENGINE OPS:		
Using Fuel from tank on same side as operating engine:		
1	Fuel Sel. Op. Engine	ON
2	Fuel Sel. Dead Engine	OFF
Using fuel from tank opposite to the operating engine:		
1	Fuel Selector operating Engine	X-FEED
2	Fuel Selector inoperative Eng.	OFF
LANDING:NO X-FEED !		