Checklist Overview

- Colors have been carefully selected to be visible in both red and green night lighting
- Color-coded checklist items based on category
 - Blue: Oil, fuel, and mixture
 - Blue, like the color of the fuel
 - **Green:** Electrical, lighting, and avionics
 - Green for go (i.e. makes the electrons move)
 - Purple: Airspeeds
 - Night-lighting friendly color that's different than just black
 - Red: Critical/safety reminders
 - Red for danger



Checklist Overview

Color-coded pages based on procedure type

Green: Preflight

- Green = good/safe (i.e. no rush)
- Blue: Takeoff
 - Blue for the sky
- Red: Emergency Checklist Items
 - Red for danger



Checklist Overview

- Special highlighting to make certain items stand out
 - **Bold** for important ("killer") items
 - Most are also italicized, but less critical items are not
 - Grey highlighting for memory items
 - CAPITALIZATION for important checklist item statuses
 - <u>Underlining</u> for items easily forgotten
- Some checklist items have been reordered from the POH order to better fit in to a cockpit flow



Checklist Sample

	PREFLIGHT		-
1.	0il	9-12 qts, Cap Secure	
CABIN	I. <		-
1.	POH & Documents	Check Available	
2.	Magneto Switch	OFF	
3.	Pitot/Static Drains	Push to Drain	
4.	Avionics/Electrical Switches	OFF	
5.	Master Switch	27 C	
6.	Fuel Quantity		
7.	Pitot Heat / Lights		
	Stall Warning Horn	A DESCRIPTION OF A DESC	
	Pitot Heat / Lights		
	Annunciator Panel		
	Master Switch		
12.	Flaps	Down	
WALK	AROUND	1	
Right V	Ving		
1.	Flap & Aileron	Check Skin & Hinges	
2.	Wing Surfaces	No Contamination	1
3.	Wing Tie Down	DISCONNECT	
4.	Right Wing Fuel Vent	Unobstructed	
5-	Right Wing Fuel Drain	Check Sample	
6.	Right Wing Fuel Quantity	Visually Verify	
7.	Main Gear Strut	4.25"-4.75"	
8.	Tire & Brakes	35-40 psi	
Nose			
1.	Cowling	Secure	
2.	Prop & Spinner	Check	
3.	Alternator Belt	Check	
4.	Cooling Inlet	Unobstructed	
	Air Inlet	Unobstructed	
6.	Nose Wheel Strut	3.0"-3.5"	
7.	Nose Wheel Tire	29-33 psi	
0	Main Fuel Strainer	Check Sample (L & R)	

Checklist Name
Sub-step

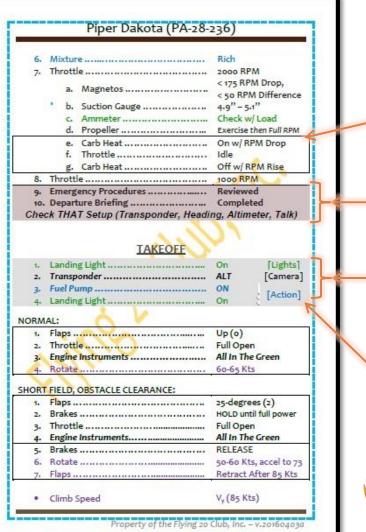
Visual aid to keep track of which step you're on

— Major section color

Checklist revision



Checklist Sample



Visual aid to keep track of which step you're on

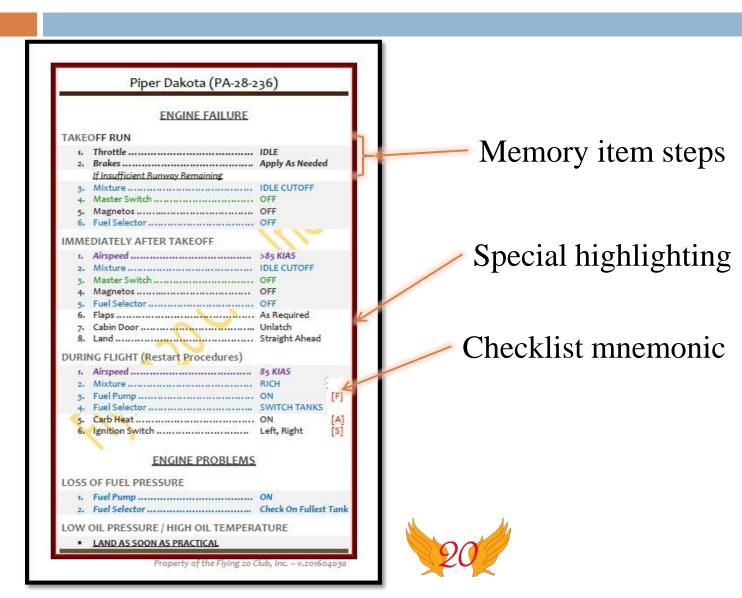
Special attention steps

Memory item steps

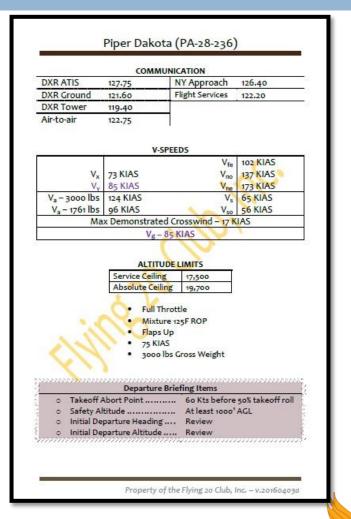
Checklist mnemonic



Checklist Sample



Additional Checklist Features



Three special nonchecklist pages

- Communications, Vspeeds, and other important items
- 2. Engine performance
- 3. Glide performance
- These pages provide quick reference values and guidance that may be frequently needed during flight

Companion Checklist

	PREFLIGHT			TAKE	QFE		
1999			1.	Landing Light Transponder		ights amera	
CAB			3-	Fuel Pump	ON I	1	
1.	Ignition Switch Pitot/Static Drains	OFF	4	Timer		ction	
2	PitotyStatic Drains	Open	5.	Engine Instrume	ents CHECK		
NAŁ	KAROUND		101.00	Climb Speed	V _y (85 Kts)		
light	Wing						
3.	Wing Tie Down	DISCONNECT	1			- C	
4.	Right Fuel Drain	Check Sample		ENROUTE CLIMB			
5-	Right Fuel Quantity	Visually Check	1. A	1. Airspeed 100 Kts			
6.	Strut, Tire & Brakes	Check (35 psi)		ax Throttle / Prop			
Nose			3- M	locture	LEAN +5000' N	ISL.	
7.	oil	9-12 Qts					
8.	Nose Wheel Strut/Tire	Check (29 psi)	-				
9.	Main Fuel Strainer	Check Samples		CRUISE			
Left V			1.	Power	75% or less	100	
10.	Strut, Tire & Brakes	Check (35 psi)	2.	Trim	Adjust		
#1.	Wing Tie Down	DISCONNECT	3	Moture	LEAN		
12.	Pitot/Static Mast	Check Check Sample					
13.	Left Fuel Quantity	Visually Check	-		A MARKAN AND A MARKAN	_	
	LAND				ING	12	
1000	nnage	DISCONNECT	1.	Approach	REVIEW		
15.	Tail Tie Down	DISCONNECT	1	Procedures			
		10	2.	Fuel Selector Mixture	FULLEST TANK BICH	G	
	NGINE START & PR	ETAVI	-	Fuel Pump	ON	P	
_	and the second second	and the second s	5-	Propeller	Full RPM	P	
L.	Passenger Briefing	Complete	6.	Seatbelts	LATCHED	s	
2.	Prop Area Oil Pressure	In the green					
4.	Mixture	Leaned					
5.			AFTER LANDING			- 22	
	V V V		1.	Carb Heat	Off	1	
_		25	2.	Fuel Pump	Off		
	PRE-DEPARTUR	E	3-	Elevator Trim	SET TO NEUTR	AL	
1.	Primer	IN & LOCKED					
2.	Run-up	Completed					
3.	Emergency Procedures			SHUTD			
4-	Departure Plans Mixture	Reviewed	1.	Mbdure	IDLE CUTO	FF	
Check	THAT Setup (Xpdr, Hea		2.	Ignition Switch	OFF		
- market	transferrer frends frends free	and rand rand)	3-	Master & Altern Switches	ator Off		
			4	Flight Plan	CLOSE		
			L				

- A companion abbreviated checklist is also available
 - Only the critical "killer" and important items are listed
- Useful for in-flight procedures during highworkload situations when referencing the full checklist may be impractical
- Color-coding and highlighting is similar to the full checklist