## **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. <del>&lt;</del>		-
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

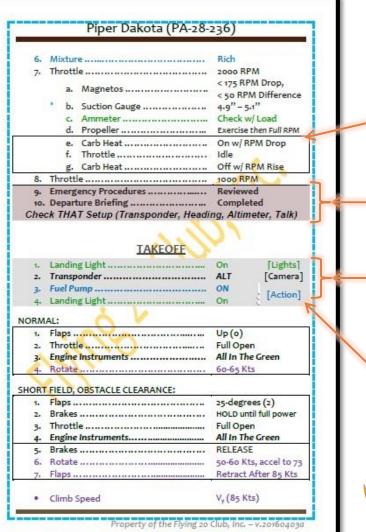
Visual aid to keep track of which step you're on

— Major section color

Checklist revision



### **Checklist Sample**



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

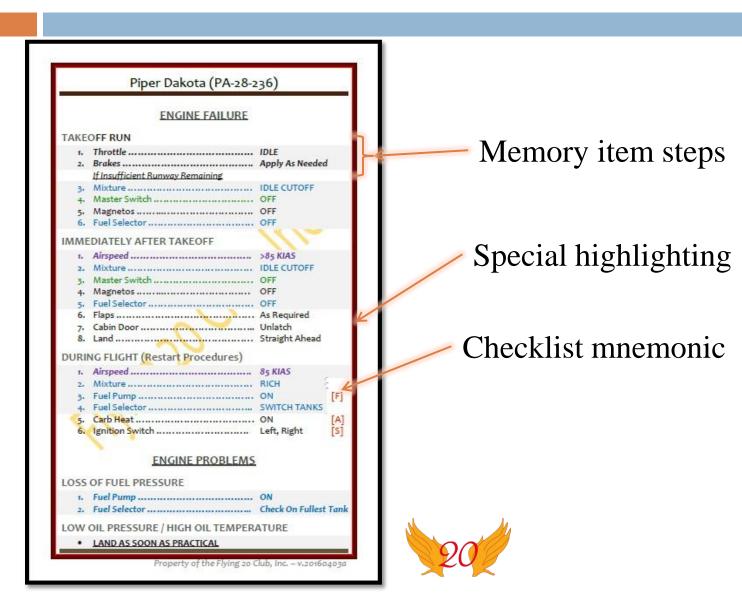
Special attention steps

Memory item steps

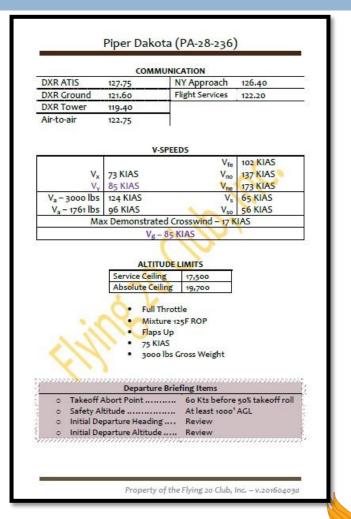
Checklist mnemonic



## **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 <sub>y</sub> (85 Kts)		
light	Wing						
3.	Wing Tie Down	DISCONNECT	1			- C	
4.	Right Fuel Drain	Check Sample		ENROUTE CLIMB			
5-	<b>Right Fuel Quantity</b>	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	<b>_</b>	
	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