



NAVIGATION LOG

Aircraft Number:		Route:												Destination Runway Layout:			N^	
Notes:																		
Cruise							Airport:			TPA:								
Cruise ALT	%PWR	P. ALT	Temp	TAS	IAS	GPH	Manifold Press.			RPM Setting		Fuel on Board						
Check Points (fixes)	VOR	Course (Route)	Altitude	Wind		CAS	TC	TH	MH	CH	Dist	GS	Time Off		GPH	Airport & ATIS Advisories		
	Ident			Dir.	Vel.							Leg				Departure	Destination	
	Freq.			Temp.		TAS	-L+R WCA	-E+W Var	+/- Dev		Rem.	Est.	ETE	ETA	Fuel		ATIS Code	
												Act.	ATE	ATA	Rem		Ceiling/Vis	
																		Wind
														Altimeter				
														Approach				
														Runway				
														Time Check				
														Airport Frequencies				
														ATIS		ATIS		
														Grnd		Apch		
														Tower/CTAF		Tower/CTAF		
														Dep.		Grnd		
														Fld Elev		Fld Elev		
														Fuel Planning				
														Total Burn		(Start to Shutdown)		
														FAR Reserve		(30 or 45 min)		
														Personal Mins		(Typically 1 hour)		
														Total Required		(Sum of above)		
														Fuel On Board		(Usually Max)		
Totals ---->																		
CLOSE YOUR FLIGHT PLAN !!							1 800-WX-BRIEF											

AIRWORTHINESS CHECKLIST



Completed By: _____ Date: _____ N-Number: _____

Documents

- ✈ ☐ Airworthiness Certificate (91.203(a)(1))
- ✈ ☐ Registration Certificate (91.203(a)(2)) Expiration Date: _____
- N/A Radio Station License (47 CFR 87.18) - if flying outside US
- ✈ ☐ Operating Handbook (91.9(b))
- ✈ ☐ Weight & Balance (23.2620) (official - in POH/AFM)
- ✈ ☐ External Data Plate (45.11)
- ✈ ☐ Compass Deviation Card (not required in G1000 Archers and Seminoles)

Offset

- ☐ Total AC Time at Next 100-hr: _____
- ☐ (-) 100 Hr Due Off/On _____
- ☐ (=) Offset: _____

Verify this figure matches the Offset listed on the Aircraft Quick Reference page.

Inspections

- ☐ Annual (91.409(a)) - 12 calendar months
Most Recent: _____ Next Due: _____
- ☐ VOR equipment check (91.171) - 30 days (if using VOR for IFR flight)
Most Recent: _____ Days Ago
- ☐ 100-hour (91.409(b)) - 100 flight hours less previous overflight
Total AC Time at next due (from MX summary): _____
(-) Offset (taken from above section): _____
(=) Off/On Hours: _____
(-) Current Off/On Hours: _____
(=) Hours left to 100-hour: _____
- ☐ Altimeter / Static / Encoder (91.411) - 24 calendar months (for IFR flight)
Most Recent: _____ Next Due: _____
- ☐ Transponder (91.413) - 24 calendar months (if using transponder)
Most Recent: _____ Next Due: _____
- ☐ ELT (91.207)
Battery replacement - 1 hr use or 50% life
Next Due: _____
Inspection - 12 calendar months
Most Recent: _____ Next Due: _____

"Airworthy" means an aircraft and component parts meet its type design (or properly altered configuration) and is in a condition for safe operation. (Ref: FAR 21.31, FAR 21.41, FAR 21.183)

Airworthiness Directives (Part 39)

- ☐ Applicable ADs and compliance listed in FAA Airworthiness Directives Compliance Record sheets (available on Aircraft Quick Reference page)
Recent compliance actions in maintenance logs
- ☐ To verify recurring AD currency (if required):

AD #	Next Due Total	(-) Offset	(=) Next Due Off/On
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

If AD next-due time is specified as an engine or prop time (rather than Total AC Time), recalculate offset using engine or prop time vs. Off/On time at the most recent 100-hr, then apply that offset to next-due time to find Off/On hours at next due.

Form 337s (Part 43 Appendix B)

- ☐ Review Aircraft Quick Reference page for any 337s present

Inoperative Equipment (91.213(d))

- ✈ List inoperative equipment: _____

If any inop equipment present, verify:

- ✈ ☐ Not required by
- ✈ ☐ 91.205(b) (day VFR), (c) (night VFR) and/or (d) (IFR)
- ✈ ☐ Equipment list in POH/AFM
- ✈ ☐ Airworthiness directive
- ✈ ☐ Deactivated and placarded "Inoperative", OR...
- ✈ ☐ Removed, control placarded, and maintenance recorded
- ✈ ☐ PIC determines that inop equipment is not a hazard to the aircraft