

5/3/2011



A FLYING CLUB FOR SJSU STUDENTS & ALUMNI

In compliance with the Flying Twenty Inc. By-Laws, Article 8; all members, regardless of their flight experience and ratings, shall take an initial check-out in each club aircraft make and model, as well as an annual proficiency check-out. Completion of an aircraft check-out may be used as an annual proficiency review. An annual proficiency review may not be used as an aircraft check-out. These reviews must be accomplished and signed by an FAA and club approved flight instructor.

- AIRCRAFT CHECKOUT**
- ANNUAL PROFICIENCY REVIEW**

Name _____ Date _____ User# _____
 Certificate# _____ Medical Class _____ Exp. Date _____
 Total time _____ Single engine _____ Instrument _____
 Limitations _____ Accidents/Incidents _____

- | | | |
|-------------------------------------|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> Student | <input type="checkbox"/> CFI | <input type="checkbox"/> High |
| <input type="checkbox"/> Private | <input type="checkbox"/> Instrument | <input type="checkbox"/> Performance |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Complex | <input type="checkbox"/> Other |
| <input type="checkbox"/> ATP | <input type="checkbox"/> endorsement | <input type="checkbox"/> Other |

AIRCRAFT (circle one) C152 C172SP Time in type _____
 Engine Make/Model _____ Propeller type _____
 Total fuel capacity _____ Total usable fuel _____ Grade/color of fuel _____
 Oil type _____ Max/Min oil _____

AIRCRAFT OPERATING SPEEDS AND LIMITATIONS

Vso _____	Va _____ @ MAX	CRUISE
Vs _____	Va _____ @ MIN	CLIMB _____
Vr _____	Vno _____	FINAL
Vx _____	Vne _____	APPROACH _____
Vy _____		
Vfe _____ (0-10)	BEST GLIDE	
Vfe _____	_____ @ _____ #	

5/3/2011

MAX CROSSWIND COMPONENT _____

TURBULENT AIR PENETRATION SPEED _____

PERFORMANCE

At 65% power, 7000 ft. pressure altitude, and standard temperature, find the following:

RPM _____ GPH _____ TAS _____ Range w/day VFR reserve _____

Takeoff distance for the following:

Max gross weight, no wind, sea level, standard temp _____

Max gross weight, 10kt headwind, 5000ft, 70 F, 50 ft obstacle _____

AIRCRAFT SYSTEMS

Type of landing gear _____

Type of flap system _____

Type of flaps _____ Max travel _____

Type of electrical system _____

Unsafe electrical system indications _____

When will the "Low Volt" Annunciator illuminate? _____

Proper action for an alternator failure _____

Describe the fuel system _____

How do you detect carburetor ice _____

Proper action for clearing carburetor ice _____

Where is the alternate static source located? _____

Proper action for induction air blockage _____

Can you use the GPS if the database is expired for VFR or IFR Flight? _____

5/3/2011

Procedures

Describe the normal battery engine start procedure_____

Describe the go-around procedure_____

Describe the best glide configuration_____

Describe the engine re-start procedure in the air_____

Describe the leaning procedure_____

Describe the procedure if you encounter spark plug fouling_____

Describe the short field take-off and climb procedure_____

When should the fuel pump be turned on? _____

Describe the proper action for a propeller overspeed_____

Describe the procedure for testing the Autopilot_____

WEIGHT AND BALANCE

Item	Weight	Arm	Moment
Empty weight	_____	_____	_____
Front seats	_____	_____	_____
Rear seats	_____	_____	_____
Full fuel	_____	_____	_____
Baggage	_____	_____	_____
Total	_____	_____	_____

Where is the C.G. ? _____

5/3/2011

Is the aircraft within limits ? _____

5/3/2011

Just complete tis

TO BE COMPLETED BY THE CFI
IN FLIGHT MANEUVERS AND PROCEDURES

- | | |
|---|---|
| <input type="checkbox"/> Slow flight | <input type="checkbox"/> Forced landing |
| <input type="checkbox"/> Departure/Power on stalls | <input type="checkbox"/> Approach/power off stalls |
| <input type="checkbox"/> Cross wind take off, landing, taxi | <input type="checkbox"/> Normal take-off/landing |
| <input type="checkbox"/> Go around | <input type="checkbox"/> No flap landing |
| <input type="checkbox"/> Short field operations | <input type="checkbox"/> Steep turns |
| <input type="checkbox"/> Engine failure at altitude | <input type="checkbox"/> Soft field take-off/landing |
| | <input type="checkbox"/> Communication failure |
| | <input type="checkbox"/> Unusual attitude (VFR/IFR) |
| 172 SP Checkout Only | |
| <input type="checkbox"/> Avionics Familiarization | <input type="checkbox"/> Use of Fuel Pump |
| <input type="checkbox"/> GPS Usage | <input type="checkbox"/> Cold Start/ Hot Start Procedures |
| <input type="checkbox"/> Short Field Procedures | <input type="checkbox"/> Minimum of 3 landings |
| | <input type="checkbox"/> Autopilot Use |

I have flown with _____ in a _____, and find him/her competent to act as pilot in command of this make and model of aircraft.

CFI Signature _____ Date _____

CFI Number _____ Exp. Date _____

If the checkout was used as an annual proficiency review please fill in the following:

I have reviewed the above information and flown with _____, reviewing the above flight maneuvers and find him/her to be competent to act as a pilot in command of this aircraft.

CFI Signature _____ Date _____

CFI Number _____ Exp. Date _____

I have reviewed the above information and flight maneuvers with the above club CFI.

Members Name _____ Date _____

Members Signature _____ License# _____

Comments: _____
