

Flying Particles Owner-Operator Information Sheet Summary

KEEP THIS ORIGINAL FORM FOR YOUR RECORDS

**Scan this form and email to: membership@flyingparticles.org (preferred),
or mail a COPY to: P.O. BOX 1109, LIVERMORE, CA 94551-1109**

At each FPI Student Phase Check or Recurrent Flight Check, please read this sheet and sign below to acknowledge that you will comply with all parts of the Flight Regulations (available at www.flyingparticles.org). This form is a summary only.

Meetings: Held 2nd Tuesday of each month, 7:30 pm at the Five Rivers FBO Building.

Personal Information: Add/change your info in ScheduleMaster, or notify Membership VP.

Billing: Billing cycle is from 16th of month to 15th of next month. Payment is due in 30 days.

Initial Checkouts: Before you fly any club aircraft, you must have an appropriate checkout by a club CFI. For details, see the Flight Regulations.

Recurrent Flight Checks: To fly any club aircraft, you must have a valid recurrent flight check with a club CFI within the preceding 12 calendar months (if you have less than 400 hours PIC), or within the preceding 24 calendar months (if you have 400 or more hours PIC). FAA examinations, instrument currency checks, etc., do not suffice. See the Flight Regulations for details.

Reservations:

- Do not fly an aircraft without a reservation.
- Make reservations at www.schedulmaster.com

Damage to Aircraft: If you have or may have damaged an aircraft, contact the plane captain or the Maintenance VP (fpi_maintenance@email.com) within 48 hours, or as soon as possible. Ground the aircraft, if appropriate by, placing a legible sign in the aircraft and on ScheduleMaster.

Squawks and Maintenance Problems: Enter any aircraft-related problems in ScheduleMaster by clicking on the green/yellow/red triangle to the left of the tail number, or by selecting the Maintenance tab. It is also courteous to call the next pilot to let him/her know of the problem.

Using Aircraft:

- Refuel C182 after each flight. All other aircraft must be fueled after flight if more than 1 tach hour elapsed since airplane was last refueled.
- Use self-service fuel when available. Check www.100LL.com for prices.
- In the logbook: write name, fuel tach time, final tach time, oil level / oil added.
- Clean the aircraft upon your return to LVK (windshield, leading edges, interior, etc.).
- Ensure master switch off, control & throttle locks in place, doors/hangar locked, tied down.

Oil:

- Please ensure there are 2 quarts of oil in the baggage compartment. Replace if you use one.
- As a general rule, *add* 1-quart oil to an aircraft **only** when it has fallen to the following levels.

N6475Q	N733BE	N9658K / N5525V / N2933A	N1080M	N43CA
4 quarts	5 quarts	5 quarts	9 quarts	5 quarts

Member Signature

Date

Club CFI Signature

Date

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PIPER ARCHER PA 28-181 and WARRIOR PA 28-161

CHECKOUT FORM [Page 1 of 2]

GROUND CHECK

1. Takeoff, landing, and cruise performance at maximum gross weight. Takeoff roll and landing distance over 50 foot obstacle at sea level and at 5,000 feet. Cruise range in hours and miles.
2. Airspeeds: Rotation speed; normal climb speed; best glide speed; stall speeds; maneuvering speed; never exceed speed; v_x and v_y at sea level and at 10,000 feet.
3. Fuel and oil requirements.
4. Power settings for climb, for cruise, and for the pattern.
5. Use of all systems and switches in the aircraft.
6. Permissible loading. See weight and balance records. Do at least one weight and balance calculation for this aircraft.
7. Preflight check.

1976 PA 28-181 [N9658K] – 1977 PA 28-181 [N5525V] – 1979 PA28-161 [N2933A]

	<u>N9658K / N5525V</u>		<u>N2933A</u>			<u>N9658K</u>	<u>N5525V</u>	<u>N2933A</u>	
	K	MPH	K	MPH		<u>lbs</u>	<u>lbs</u>	<u>lbs</u>	
V_x	64	74	63	73	IAS	Max gross weight	2550	2550	2440
V_y	76	87	79	91	IAS		Empty weight	1542	1542
V_{s0}	53	61	50	58	CAS	Empty Moment	<u>inch-lbs</u>	<u>inch-lbs</u>	<u>inch-lbs</u>
V_{s1}	59	68	55	63	CAS		133729	133936	128249
V_a	110	127	111	128	IAS				
V_{ne}	148	171	153	176	CAS				
V_{fe}	100	115	100	115	CAS				
V_{glide}	76	87	73	84	IAS	Total fuel	<u>gals</u>	<u>gals</u>	<u>gals</u>
$V_{sh\ flid}$	66	76	63	73	IAS	Usable fuel	50	50	50
							48	48	48

If you need the gate code, please contact the Membership VP.

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CHECKOUT FORM [Page 2 of 2]

FLIGHT CHECK [Items marked * are not mandatory. Suggested tolerances are only a guide]

1. [] Use of checklist. Note especially flap operation.
2. [] Takeoffs: normal; no flaps; short field; soft field. (Tolerances: all airspeeds within ± 10 Kts of nominal)
3. []* Aborted takeoff at rotation speed.
4. [] Climbs: normal; best angle; best rate. (Tolerances: all airspeeds within ± 5 Kts of nominal)
5. [] Slow flight: with flaps; without flaps. (Tolerances: all airspeeds ± 10 Kts; no inadvertent stalls; altitude ± 100 feet)
6. [] Stalls: Power off; approach; departure. (Tolerances: altitude loss less than 200 feet)
7. []* Steep turns (45 degree bank). (Tolerances: bank ± 5 degrees; altitude ± 100 feet; roll out heading ± 20 degrees)
8. [] Instrument proficiency: Straight and level cruise; unusual attitudes; turns to heading; altitude changes.
(Tolerances: cruise heading ± 10 degrees; roll-out heading ± 15 degrees; altitude ± 150 feet)
9. [] For instrument rated pilots: At least one instrument approach.
10. [] Landings: Normal; no flaps; short field; soft field. (Tolerances: approach speeds within 10 Kts of nominal)
11. [] One short field landing at Livermore with turn-off at first exit to ramp. (Approximately 1350 feet for 25R)
12. [] Go around from full flaps approach.
13. [] Minimum requirements: Pilots with no previous Piper aircraft experience shall fly on two separate occasions with a flight instructor before acting as PIC. Private pilot license or better required for N5525V (PA28-181).

INSTRUCTOR'S CERTIFICATION: I certify that _____ has completed his/her Piper PA28-181/161 checkout on this date: _____, having demonstrated all items checked above to my satisfaction. Total PIC hours on this date: _____

Instructor Signature: _____ Name: _____

CFI # : _____ Expires: _____

Checkout type: Annual [] Initial [] Last medical date: _____ Class 1 2 3 BasicMed