Pilot'	s Name	<del> </del>
Medica	al Class	Medical Date
Pilot	Certificate number	
Catego	ory/Class/Ratings	
Pervi	ous PA28-200R Flying time: dual	hrs PIC ——hrs
	kee Arrow II, Information Manua	
check- "Infor comple Questi source corres	This open-book questionnaire if out in this aircraft. All pill rmation Manual" covering this sett the questionnaire before colons are based on the aircraft es. For answers requiring numbers ponding to the units used on the aments or as specified in the I	specific aircraft model and impleting the check-out. Information Manual and other pers, please use the units the specific aircraft's flight
2) Lar	re inflation: mains: psinding strut inflation: mains: _ lerance +/- 0.25 inch).	and nose: psi in. and nose: in.
	gine make: M	Model:
4) Rat	ted (sea-level) power: h	np atrpm.
5) Typ	pical climb power setting:	"MAP at rpm.
6) Usa	able fuel grades include	octane ( color).
	and	octane (color)
7) Fu∈	el: full: gal each tank	, which is gal usable.
F,TT	led to tab: gal each ta	nk, which is gal usable.
8) Ull	capacity: quarts; theo	retical minimum: quarts.
		level gets to: quarts.
	x gross weight: lbs; win	
11) Ma	seful load for this airplane (Nax load in the baggage compartm	nent:
	tall speed, (assuming gear down	
	light) no flaps: (zero deg); st	
	tall speed, (assuming gear down	
fl	light) full flaps: (40 deg); st	all: ias;
_		
		x allowable weight. Please note
	<del>_</del>	explicitly covered in the POH, and
	pe calculated by the PIC.  y Best Rate of Climb:	ias
-	x Best Angle of Climb:	ias
16)	Cruise climb:	ias
17) Va		ias
18)	Final approach (flaps):	ias
19)	Final appr. (no flaps):	 ias
20) Vf	fe Max Flaps Extended:	ias
21) Vr	ne Never Exceed:	ias
	no Max structural cruise:	ias
23)	Stall (clean):	ias
24) Vs	sO Stall (landing config):	ias

## ${\tt MAFC-Arrow\ PA28R-200\ Familiarization\ Questionnaire,\ Ver.\ C}$

	Best-angle glide: ias Vle Gear extended: ias	
	Vlo Gear operation: ias When should the electric fuel pump be used?	
29) 30)	Max demonstrated crosswind component: mph. What are the steps for proper use of the EGT for leaning?	
31)	The highest altitude at which 75% power can be achieved at 2400 RPM is ft.	
32)	Cruising at 75% power at 5000 feet should produce ias and consume gph.	
33) 34)	The electrical system uses a volt amp-hour battery.	
	Under what conditions might the landing gear come down (or stay down) even though the gear selector switch is in the UP position?	
37)	What is the after-takeoff checklist?	
38)	To transition from level cruise to climb, first increase	
39)	, then increase  To transition from climb to level cruise, first reduce, then reduce	
40)	Best-angle glide: ias	
41)	Expeditious descent: ias using configuration.	
42)	Emergency landing (short final): ias	
	) In case of engine failure during flight:	
44)	Procedure for power-off landing:	
45)	In case of engine fire in flight:	
46)	In case of electrical fire in flight:	
47)	In case of alternator failure:	
48)	In case of unlatched door in flight:	
49)	Procedure for spin recovery:	
50)	Suppose you put the gear handle down at midfield on the downwind leg, but the gear fails to indicated down & locked. What are your next steps?	

## ${\tt MAFC-Arrow\ PA28R-200\ Familiarization\ Questionnaire,\ Ver.\ C}$

51)	If the dump valve is pinned in the "gear up override" position, what is the quickest way to extend the gear?	
52)	Give an example of flight conditions and control settings that produce the following situation: the gear is up and staying up, but the gear warning horn is sounding:	
53)	In the event of a failure of the "gear down indication," after operating the gear down lever, what item(s) should be checked:	
54)	Find the takeoff run required for this airplane to clear a 50 foot obstacle at a pressure altitude of 43 ft, temperature of 15C and weight of 2650 lbs., no wind: ft. What if the same conditions prevail, but the temperature is 37C: ft.	
55)	Assume the following: N55804, licensed empty weight=1644 lbs, arm=83.21 in, front seat pilot & passenger =410 lbs, baggage=50 lbs, full fuel. Determine maximum rear seat passenger weight:  lbs & determine if the CG is within limits:	
56)	inches,yes/no  Assume the following: N55804, licensed empty weight=1644 lbs, arm=83.21 in, front seat pilot & passenger =410 lbs, baggage=200 lbs, fuel to tabs (approx. 18 gal each tank). Determine the maximum rear seat passenger weight: lbs. & determine if the CG is within limits: inches,yes/no	
	determine if the CG is within limits: inches,yes/no	
Rev	iewed by:	
Instructor		