# Supernote Kneeboard Checklists for C206F

Enroute Max Performance CLimb	10
Enroute Let Down / Decent	10
Enroute Let Down / Decent	10
Landing	11
BEFORE LANDING	11
Balked Landing / Go Around	11
Normal Landing	11
After Landing	11
Securing Aircraft	11
Abnormal	12
EXECUTING A 180° TURN IN CLOUDS	12
EMERGENCY LET-DOWNS THROUGH CLOUDS	12
RECOVERY FROM A SPIRAL DIVE	13
SPINS	13
FLIGHT IN ICING CONDITIONS	13
Emergency	15
ENGINE FAILURE AFTER TAKE-OFF	15
ENGINE FAILURE DURING FLIGHT	15
EMERGENCYLANDING WITHOUT ENGINE POWER	15
PRECAUTIONARY LANDING WITH ENGINE POWER	15
DITCHING	16
ENGINE FIRE IN FLIGHT	16
ELECTRICAL FIRE IN FLIGHT	16
Radio Cheat-Sheet	17
Departure	17
Arrival	1.8

# BEFORE FLIGHT CHECKLISTS

PERSONAL MINIMUMS
☐ Aircraft: At least two (2) hours within previous two (2) months
□ Currency:
— Flight review in previous twenty-four (24) months
— At least three (3) landings in the last sixty (60) days
☐ Weather (VFR):  — Pattern work: > 2,000 foot ceiling and five (3) miles visibility
- Cross-country: > 5,000 foot ceiling and ten (5) miles visibility
□ <b>Crosswind</b> : < 15 knots maximum crosswind component
☐ <b>Fuel</b> : 60-minute reserve
DAYS BEFORE FLIGHT
☐ Plan route: Update EFB, 1800wxbrief, FltPlan, etc.
Review route airspace, terrain, alternate landing sites
<ul> <li>Review all airport information, layout, services, run-up areas, important</li> </ul>
remarks — Compute weight and balance: retrieve passenger's weight,
update "C206 Performance" application
<ul> <li>Save Route in Garmin Pilot</li> <li>Add Frequencies to Checklists, pages 7,</li> </ul>
— Add Trequencies to Checklists, pages 7,  ☐ Weather:
— Watch "weekly outlook" reports
— Check updated weather
☐ Review route TFRs, NOTAMs, airspace, terrain, obstacles, etc.
☐ Check night currency and sunset/sunrise times
☐ Charge batteries: Headphones, ADHRS, iPad, Phone, watch, flashlights,
handheld radio, cameras, voice recorder
☐ <b>Verify EFB data is updated</b> : latest weather, winds, charts, TFRs, etc. ☐ <b>Get sleep</b>
□ Evaluate fitness to fly
□ Evaluate weather on the way to airport
☐ Talk to other pilots who have flown recently
BEFORE LEAVING HOUSE
☐ Appropriate Clothing for WX: jacket, pants vs. shorts, etc.
☐ Wallet: credit cards, drivers license, PPL, medical
□ Flight bag: knee board, Supernote Nomad
☐ <b>Headphones:</b> including passenger headphones and backups
Supernote: Charged, new note loaded with template, ready
☐ <b>Phone:</b> Update databases, add airport, APP/DEP, and Center numbers
☐ Flashlight ☐ Water and Spacks
□ Flashinght □ Water and Snacks

BEFORE FLIGHT
☐ <b>Review route</b> : TFRs, NOTAMs, PIREPs, radio and navigation, airspace, navigational and procedural information, terrain, obstacles, landmarks,
cultural elements (railroads, roads, trails, populated areas), etc.
□ Review destination airport information:
— Review A/FD information
<ul> <li>Review the IAPs to the primary and parallel runways expected</li> </ul>
— Review runways and approach lighting installations
<ul> <li>Review all lighting limitations marked on charts</li> </ul>
<ul> <li>Review the NOTAMS, and pay special attention to FICONs when the airport</li> </ul>
surfaces are wet or frozen
<ul> <li>Note the location of the control tower</li> </ul>
— Review light gun signals
— Highlight destination on the airfield
Brief expected taxi route to destination
□ Weather:
— Check updated weather forecast along route
— Check updated weather forecast at alternates
□ Verify weight and balance
□ Review aircraft performance: "C206 Performance App"
— Review takeoff performance
— Review en-route performance
<ul> <li>Review landing performance at destination (and expected conditions)</li> </ul>
☐ <b>Review avionics:</b> expected configurations and workflows

- Get departure ATIS information

PKEFLIGHI
PREFLIGHT (10HR ENGINE CHECK)
<ul> <li>□ look for stains (fuel, oil,and exhaust)</li> <li>— Fuel stains are normally blue (if you use blue-dyed 100LL avgas). Oil stains are, well, oily. Exhaust stains are generally brightly colored: mostly yellow, orange or red</li> <li>□ look for signs of heat distress</li> <li>□ look for signs of chafing</li> <li>— where hoses, wire bundles and control cables come into close proximity to the engine or each other. If you see two things rubbing, isolate them with a tie-wrap or clamp before you launch, lest the chafing continue and cause a serious problem in-flight.</li> <li>□ Open Engine</li> </ul>
PREFLIGHT
1. Cabin)  a. Control Wheel Lock
□ a. Rudder Gust Lock (if installed)
3. Right Wing
$\hfill \square$ a. Check Aileron4. Tail $\hfill$ for freedom of movement and security
4. Right Wing Base
☐ a. Wing Tie-Down (if attached)

☐ c. Main Wheel Tire ......Check for proper inflation ☐ e. Fuel Quantity .......Visually Check

# 5. Propeller

☐ a. static source opening (both sides)	Inspect for stopage
☐ b. Propeller and Spinner	Check for nicks and security
□ c. Propeller	
☐ d. Nose Wheel	Check for proper inflation
□ e. Oil Level	Check - add if under 10 quarts
□ e. Oil Level	
☐ f. Strainer drain knob	
$\Box$ f. Fuel drain valve (2 one for each tank)	
$\square$ g. Engine heater (Winter)	unplug and secure cords
6. Left Wing Base	
□ a. Main Wheel Tire	Check for proper inflation
☐ b. Fuel Quantity	
□ c. Fuel drain valve	
☐ d. Pitot tube cover	Remove
☐ e. Wing Tie-Down (if attached)	
☐ f. Fuel Tank Vent Opening	Check for stoppage
7. Left Wing	
$\hfill\Box$ a. Check Aileronfor free	edom of movement and security

BEFORE STARTING ENGINE
□ 1) Exterior PreflightCOMPLETE
☐ 2) Seats, Belts, Sholder HarnessesADJUSTED and LOCK
□ 3) Breaks TEST and SET
☐ 4) Cowl Flaps OPEN
☐ 5) Radios and Electrical EquipmentOFF
☐ 6) Master SwitchON
□ 7) Fuel Selector Valve
START ENGINE
□ 1) MixtureRich
□ 2) PropellerHIGH RPM
□ 3) Throttle
☐ 4) Auxiliary Fuel PumpON
☐ 5) ThrottleADVANCE to obtain 8-10 gl/hr
☐ 6) Auxiliary Fuel PumpOFF
☐ 7) Propeller AreaCLEAR
☐ 8) Ignition Switch
☐ 9) Throttle ADVANCE slowly
<ul> <li>10) Ignition Siwtch</li></ul>
□ 11) ThrottleIDLE

	BEFORE TAKE-OFF
□ 1) Parking Brake	SET
☐ 2) Cowl Flaps	
☐ 3) Flight Controls	FREE and CORRECT
☐ 4) Cabin Doors and Window	
☐ 5) Flight Instruments and Radios	
☐ 6) Elevator and Rudder Trim	TAKE-OFF setting
☐ 7) Mixture	RICH (below 3000 ft)
☐ 8) Radio Freq Check	
□ 9) Radio Call	
— Hibbing Traffic, 75PJ, taxiway C, Taxing to Runway	
□ 10) Taxi to	
□ 11) Throttle	
— Magnetos	CHECK
— PropellerCYCLE	igh DDM (Full Forward)
PropellerRETURN to h     Engine Instruments and AmmeterRETURN to h	
— Suction Gage	CHECK (4.6 to 5.4)
□ 12) Throttle	
□ 13) Autopilot	
□ 14) Throttle Friction Lock	
□ 15) Wing Flaps	
□ 16) Radio Call	
□ 17) Taxi to	TAKE-OFF Position

## TAKEOFF CRUISE

	NORMAL TAKE-OFF
□ 1) Wing Flaps	FULL THROTTLE and 2850 RPM I elevation (rich if below 3000) LIFT NOSE WHEEL at 60 MPH90-100 mph ACT after obstacles are cleared
MAX	PERFORMANCE TAKE-OFF
□ 1) Wing Flaps □ 2) Breaks	
☐ 8) Wing FlapsRETRACT after ob	
□ 1) Power	AN for to 16 gal/hr (per Farly)ADJUSTAS REQUIRED
ENROUTE	MAX PERFORMANCE CLIMB
☐ 1) Airspeed	25 MP and 2550 RPM Lean to 18 gal/hr OPEN as required
ENRO	UTE LET DOWN / DECENT
□ 1) Airspeed       100 MPH a         □ 2) Power	FULL THROTTLE and 2700 RPM per fuel flow indicator placard
ENRO	UTE LET DOWN / DECENT
1) PowerLEAN for s  Use full rich mixture for idle power.	AS DESIRED
☐ 3) Cowl Flaps	

### LANDING

	BEFORE LANDING
□ 1) Fuel Selector Valve     □ 2) Mixture     □ 3) Propeller     □ 4) Wing Flaps Down 0° - 10° (below 1     □ 5) Airspeed 85-95 MPH     □ 6) Elevator Trim     □ 7) Optional Autopilot	RICH (below 3000 ft)HIGH RPM 60 MPH), 10° - 40° (below 120 mph) (flaps UP), 75-85 mph (flaps DOWN)ADJUST for landing
B.	ALKED LANDING / GO AROUND
☐ 1) Power	Retract to 20°
	NORMAL LANDING
☐ 1) Touchdown	
	AFTER LANDING
☐ 1) Cowl Flaps	OPEN
	SECURING AIRCRAFT
□ 1) Parking Brake	

□ 6) Control Lock ......INTSALL

### **EXECUTING A 180° TURN IN CLOUDS**

Upon entering the clouds, an immediate plan should be made to turn back as follows: □ 1) Note the time on the minute hand and observe the position of the sweep second hand on the clock ☐ 2) When the sweep second hand indicates the nearest half-minute, initiate a standard rate left turn, holding the turn coordinator symbolic aircraft wing opposite the lower left index mark for 60 seconds. Then roll back to level flight by leveling the miniature aircraft. ☐ 3) Check accuracy of the turn by observing the compass heading which should be the reciprocal of the original heading. ☐ 4) If necessary, adjust heading primarily with kidding motions rather than rolling motions so that the compass will read more accurately. ☐ 5) Maintain altitude and airspeed by cautious application of elevator control. Avoid overcontrolling by keeping the hands off the control wheel and steering only with rudder. **EMERGENCY LET-DOWNS THROUGH CLOUDS** If possible, obtain radio clearance for an emergency descent through clouds. To guard against a spiral dive, choose an easterly or westerly heading to minimize compass card swings due to changing bank angles. In addition, keep hands off the control wheel and steer a straight course with rudder control by monitoring the turn coordinator. Occasionally check the compass heading and make minor corrections to hold an approx-imate course. Before descending into the clouds, set up a stabilized let-down condition as follows: □ 1) Reduce power to set up a 500 to 800 ft/min rate of descent. ☐ 2) Adjust mixture for smooth operation.  $\Box$  3) Adjust the elevator and rudder trim for a for stabilized descent at 110 MPH.  $\square$  4) Keep hands off the control wheel. □ 5) Monitor turn coordinator and make corrections by rudder alone. ☐ 6) Readjust rudder trim to relieve unbalanced rudder force if pre-sent. ☐ 7) Check trend of compass card movement make cautious corrections with rudder to stop the turn.

□ 8) Upon breaking out of clouds resume normal cruising flight.

	REC	OVERY	FROM	Α	SPIRAL	DIVE
□ 2)	) Close the throttle place propeller control of the turn by using coordinated aile symbolic aircraft in the turn coordinato () Cautiously apply control wheel back proindicated airspeed to 110 MPH.	ron and r with t	rudder he horiz	zon	reference	
□ 5)	<ul> <li>Adjust the elevator trim control to mair</li> <li>Keep hands off the control wheel using heading. Adjust rudder trim to relieve upresent.</li> </ul>	rudder ınbalan	control ced rud	to der	hold a st force, if	
□ 6)	<ol> <li>Clear engine occasionally but avoid using trimmed glide.</li> </ol>	ng enou	gh pow	/er	to disturk	the
□ 7)	) Upon breaking out of clouds apply norr flight.	mal crui	sing po	we	r and resu	ıme
						SPINS
	entional spins are prohibited in this aircra ur, the following recovery technique shou			nad	vertent s	oin
□ 2)	<ul> <li>Retard throttle to idle position.</li> <li>Apply full rudder opposite to the direct</li> <li>After one-fourth turn move the control motion.</li> </ul>				neutral in	a bris
□ 4)	<ul> <li>As rotation stops neutralize rudder, and the resulting dive.</li> </ul>	d make	a smoo	th	re-covery	from
	FL	IGHT ]	IN ICI	INC	CONDI	TIONS
	nough flying in known icing conditions is g encounter should be handled as follow		ted, an	un	expected	
□ 1)	) Turn pitot heat ON					
□ 2)	) Turn back or change altitude to obtain less conducive to icing.	an outs	ide air t	em	perature	that is
□ 3)	) Pull cabin heat control full out and rota obtain maximum windshield defroster			cl	ockwise t	0
Í	) Increase engine speed to minimize ice excessive vibration is noted, momentar RPM with the propeller control, and the forward.	ily redu n rapidl	ce engi y move	ne th	speed to e control	2200 full
_	<ul> <li>Cyling the RPM flexes the propeller blac centrifugal force, causing ice to shed m</li> </ul>			PM	increases	
□ 5)	) Watch for signs of induction air filter ic increasing the throttle setting.			ani	fold pres	sure by

	open), a decrease of 1 to 2 inches of full throttle manifold pressure will be experienced.
□ 6)	If icing conditions are unavoidable plan a landing at the nearest airport. With an extremely rapid ice build-up, select a suitable "off airport" landing site.
□ 7)	With an ice accumulation of 1/4 inch or more on the wing leading edges be prepared for a significantly higher power requirement, approach speed, stall speed, and landing roll.
□ 8)	Open the window and, if practical, scrape ice from a portion of the windshield for visibility in the landing approach.
	Use a 10 - 20° landing flap setting for ice accumulations of 1 inch or less. With heavier ice formations, approach with flaps retracted to ensure

If ice accumulates on the inteller filter (coursing the alternate air valve to

adequate elevator effectiveness in the approach and landing.

10) Approach at 110 to 120 MPH with 20' flaps and 120 to 130 MPH with 0 - 10' flaps, depending upon the amount of ice accumulation.

 If ice accumulation is unusually large, decelerate to the planned approach speed while in the approach configuration at a high enough altitude which would permit recovery in the event that a stall buffet is encountered.

 $\hfill\Box$  11) Land on the main wheels first avoiding the slow and high type of flare-out.

12) Missed approaches should be avoided wherever possible because of severely reduced climb capability. However, if a go-around is mandatory, make the decision much earlier in the approach than normal. Apply maximum power and maintain 110 MPH while retracting the flaps slowly in 10° increments

### **EMERGENCY**

	ENGINE FAILURE AFTER TAKE-OFF
□ 1) Airspeed	90 MPH
	IDLE CUT-OFF
	OFF
	OFF
	AS REQUIRED (40° recommended)
	OFF
	ENGINE FAILURE DURING FLIGHT
□ 1) Airspeed	85 MPH
	tyCHECK
	RICH
	for 3 - 5 seconds with throttle 1/2 open;
	TH (or START if propeller is not windmilling)
	SLOWLY ADVANCE
	CYLANDING WITHOUT ENGINE POWER
	90 MPH (flaps UP) 80 MPH (flaps DOWN)
	IDLE CUT-OFF
	OFF
☐ 4) Ignition Switch	OFF
□ 5) Wing Flaps	AS REQUIRED (40° recommended)
☐ 6) Master Switch	OFF
	UNLATCH PRIOR TO TOUCHDOWN
□ 8) Touchdown	SLIGHTLY TAIL LOW
□ 9) Brakes	APPLY HEAVILY
	NARY LANDING WITH ENGINE POWER
	ecklist DONE
<ul> <li>2) Drag over selected field with f preferred area for touchdown</li> </ul>	laps 20° and 90 MPH airspeed noting the
— Then retract flaps upon reachi	
☐ 3) Radio, Electrical Switches	OFF
☐ 4) Radio, Electrical Switches	40°
	80 MPH
	OFF
,	UNLATCH PRIOR TO TOUCHDOWN.
	SLIGHTLY TAIL LOW
☐ 9) Ignition Switch	OFF

□ 10) Brakes		A	PPLY	HEAVILY
			DI	TCHING
Prepare for ditching by securing or jettisoning heavy baggage area, and collect folded coats or cushions of occupant's face at touchdown. Transmit Mayday me giving location and intentions.	or pro	otection	n of	
<ul> <li>□ 1) Plan approach into wind if winds are high and swells and light wind, land parallel to swells.</li> <li>□ 2) Approach with flaps 40° and sufficient power for descent at 75 MPH.</li> <li>□ 3) cabin and front cargo doors</li></ul>	or a 30 oucho dging at time s. If n ng pre	00 ft/m down in aircraft e of tou ecessai essure s	lin ra level t heig ch-do y, op so tha	Unlatch I attitude Iht over own. een at doors
	INE	FIRE	IN	FLIGHT
□ 1) 1 □ 2) 2 □ 3) 3 □ 4) 4				
□ 5) 5  ELECTR	CAL	FIRE	IN	FLIGHT
□ 1) 1 □ 2) 2 □ 3) 3 □ 4) 4 □ 5) 5 □ 6) 6 □ 7) 7 □ 8) 8				

ICADIO CII		LL!							
							DE	PARTURE	
Departure A	Airport _								
Frequencies	5								
ATIS				Tow	er er		Clearance		
ATIS Inform	ation (De	eparture)							
Info.	Time	Wind Direction		nd eed	Temp	Α	ltimeter	Runway	
NOTAMS/	Misc:	l				<u> </u>		I.	
Uncontrolle	d Airport	<u>t</u>							
area (airport)	traffic, _	back ta	xi run	way _	(Rwy #)				
area traffic, departing runway to the									
		exiting							
Controlled A	<u> Airport</u>								
groun (airport)	d, <u>(tail #)</u>	s atw	ith info	ormatic	on , de	partii	ng to the	(direction)	
Taxi instruc Taxi	runway:	vi	a				I		
When Holdi	ng Short	, and ready to	go:						
airport)	r,i (tail #)	s holding short	at Run	way <u>(Rı</u>	<u>,</u> Ready <u>wy #)</u>	for	departure		

							ARRIVAL
Arrival Airp	ort						
Frequencie	S						
ATIS		Ground T			er er	Clea	arance
ATIS Inform	nation (De	eparture)					
Info.	Time	Wind		nd eed	Temp	Altimet	er Runway
NOTAMS/	Misc:						
·							
Uncontrolle	d Airpor	t					
		_					
<u>(airport)</u>	traffic, _	enterin <u>o</u> (tail #)	the p	atterr	on the <u>(</u>	eg)	
		downwi	nd for	runwa	ay		
		base for	runw	ay			
(airport)	traffic, _	final for	runwa	ay	(Rwy #)		
					tavi	to	
(airport)	traffic, _	clear ac	LIVE II	iliway	taxi (tax	<u>riway)</u> (j	parking location)
Controlled	<u>Airport</u>						
(airport)	r,is is	miles (distance)	to the	direction	<u>,</u> with inform <u>n)</u>	nation	inbound for land
When lande	ed, clear o	of the runway	:				
groun (airport)	nd, <u>(tail #)</u>	is clear of runw	ay <u>(Ru</u>	at <u>/y #)</u>	(intersection)	for <u>(parking l</u>	location)
Taxi instru	ctions:						
Taxi to pa	arking via	1:					