

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 1 Dual – Local	DATE INSTRUCTOR
© Proof of citizenship - endorse	☐ Taxiing
<ul> <li>□ Become familiar with AC and systems</li> <li>□ Learn certificates and documents required, checklists. Und preflight activities. Learn flight controls &amp; attitudes.</li> <li>□ Gain an understanding of preflight procedures</li> </ul>	Normal approach to landing
PREFLIGHT DISCUSSION	After landing parking & securing  POSTFLIGHT DISCUSSION
☐ Fitness for flight ☐ Positive exchange of flight controls ☐ Certificates & documents ☐ Airworthiness requirements ☐ AC logbooks ☐ AC servicing ☐ Fuel grades  INTRODUCE	Debrief the flight  COMPLETION STANDARDS  Display basic knowledge of aircraft systems an need for checks prior to flight  Become familiar with control systems & how they maneuver the aircraft on the ground & in the air  STUDY ASSIGNMENT
☐ Use of checklists ☐ Preflight inspection ☐ Certificates and documents ☐ Airworthiness requirements ☐ Airplane servicing ☐ Operation of systems ☐ Equipment checks ☐ Location of first aid kit & fire extinguisher ☐ Engine starting ☐ Radio communications	Ground operations & basic maneuvers

☐ Positive exchange of flight controls

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 2	DATEINSTRUCTOR
Dual – Local	
	☐ Operation of systems
LESSON OBJECTIVE	☐ Positive exchange of flight controls
	☐ Use of checklists
Review procedures & maneuvers introduced in lesson 1 – focus	☐ Engine starting
on preflight, ground ops, attitude control using visual reference	☐ Radio communications
Introduce additional procedures & maneuvers	☐ Taxiing
☐ Emphasis on correct procedures for preflight & ground ops	☐ Before takeoff check
PREFLIGHT DISCUSSION	☐ Normal takeoff & climb
TREE EIGHT DISCUSSION	☐ Straight & level flight (VR)
☐ Human factors concepts	☐ Climbs (VR)
Draflight activities	Descents (VR)
☐ Engine starting	Medium banked turns (VR)
☐ Airport, runway, taxiway signs, markings & lighting	Normal approach & landing
☐ Ground ops – crosswind taxi	After landing parking & securing
☐ Collision avoidance precautions	☐ Airplane servicing
☐ Airspeed configuration changes	
	POSTFLIGHT DISCUSSION
INTRODUCE	☐ Debrief the flight
	L) L, LI LI
Airport, runway, and taxiway signs, markings & lighting	COMPLETION STANDARDS
Crosswind taxi	Disales in second and Crimes in an Cirly addition and a second
Collision avoidance precautions	⇒ Display increased proficiency in preflight activities, ground ops and coordinated airplane attitude control
Airspeed & configuration changes	⇒ Perform takeoffs with instructor assistance
Flight at approach speed	$\Rightarrow$ Be familiar with control usage necessary to maintain altitude $\pm 250$
Traffic patterns	feet
☐ Descents in high and low drag configurations	⇒ Exhibits understanding of attitude control by use of VR
REVIEW	STUDY ASSIGNMENT
☐ Preflight inspection	☐ Flight maneuvers – book & video
☐ Certificates & documents	<u> </u>
☐ Airworthiness requirements	

PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 3		
Dual – Local	<b>DATE</b>	INSTRUCTOR
Hood required for .2 hours		
- 1	<b>REVIEW</b>	
LESSON OBJECTIVE		
	Use of che	
Review airspeed control during basic maneuvers and traffic	Airplane	•
pattern ops	Preflight in	•
☐ Introduce stalls during various flight attitudes to increase understanding of aircraft control during normal and critical flight		ness requirements
conditions		arting and runup
☐ Introduce attitude control by instrument reference (IR)	Radio com Normal To	
☐ Emphasis will be directed to proper execution of basic maneuvers	☐ Normal To	
and procedures, particularly takeoffs, traffic patterns and landings.		avoidance procedures
Air Fortice		& configuration changes
PREFLIGHT DISCUSSION	the state of the s	in high & low drag configurations
☐ Situational awareness		approach speed
☐ Basic instrument maneuvers		nway, taxiway markings & lighting
☐ Preflight planning, operation of powerplant, aircraft systems, and	☐ Parking &	
engine runup procedures		4
	POSTFLIGHT	DISCUSSION
INTRODUCE		
FLIGHT TRAINI	Debrief the	eflight
Flight at various airspeeds from cruise to slow flight	COMPLETION	N STANDARDS
☐ Maneuvering during slow flight ☐ Power off stalls		reased proficiency in coordinated AC attitude control
Power off stalls  Power on stalls		c maneuvers
☐ Straight & level flight (IR)		assisted takeoffs
Constant airspeed climbs (IR)		te correct communications & traffic pattern procedures
☐ Constant airspeed descents (IR)	•	ompleted with instructor assistance
, , ,		altitude ± 250 feet during airspeed transitions
STUDY ASSIGNMENT – Flight maneuvers – Emergency landing		altitude ± 250 during slow flight bility to control attitude by IR
procedures – book & video	- maicaics at	only to condor autitude by the

PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 4	DATEINSTRUCTOR	
Dual – Local	☐ Spin awareness	
<ul><li>Hood required for .2 hours</li></ul>	☐ Demonstrated stalls – secondary, cross-controlled, and elevator	
LESSON OBJECTIVE	trim stalls (not required for certification – demonstration for safet purposes – students should not practice these stalls without supervision from a Certified Flight Instructor)	
Practice listed maneuvers – gain additional proficiency in recognition and recovery from stalls.	REVIEW	
☐ Student will receive instruction and practice in maneuvers and procedures listed for introduction – emergency ops and additional control by reference to instruments (IR).	☐ Airport, runway, and taxiway signs & markings ☐ Airspeed & configuration changes ☐ Flight at approach speed	
☐ Instructor may demonstrate secondary, accelerated, cross-controlled and elevator trim stalls.	☐ Flight at various airspeeds from cruise to slow flight	
☐ Emphasis on airport ops, steep turns, slow flight, stalls, stall	☐ Maneuvering during slow flight ☐ Power-Off stalls	
recovery	Power-On stalls  Power-On stalls	
PREFLIGHT DISCUSSION	☐ Normal takeoffs and landings (TOAL's)	
	☐ Collision avoidance precautions	
☐ Wake turbulence avoidance	☐ Traffic patterns	
Workload management	POSTFLIGHT DISCUSSION	
<ul> <li>□ PIC responsibilities</li> <li>□ Emergency operations – equipment malfunctions</li> </ul>		
☐ Emergency field selection FLIGHT TRAIN	Debrief the flight	
— Emergency field screetion	COMPLETION STANDARDS	
INTRODUCE	⇒ Increased proficiency in coordinated attitude control	
	⇒ Performs unassisted takeoffs	
Systems & equipment malfunctions	⇒ Correct communication & procedures in pattern ⇒ Landings completed <i>with assistance</i>	
Emergency procedures	⇒ Basic understanding of steep turns, slow flight, stalls, recovery and	
Emergency approach to landing	spin awareness	
Emergency equipment survival gear	⇒ Completes demonstrated stalls	
☐ Climbing & descending turns (VR and IR)	⇒ Understands control by reference to instruments	
Steep turns	, charitands control of foreigned to monuments	
Turns to headings (VR and IR)	STUDY ASSIGNMENT – Ground reference maneuvers	
☐ Slow flight with distractions, recognition and recovery from stalls		

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PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 5 Dual – Local	DATE INSTRUCTOR	
• Hood required for .2 hours	☐ Emergency equipment and survival gear	
<ul> <li>□ Practice the review maneuvers to gain proficiency</li> <li>□ Introduce ground reference maneuvers and maneuvering at slow airspeeds by reference to instruments</li> <li>□ Emphasis on emergency landings</li> </ul>	□ Normal TOAL's □ Turns to headings (VR) □ Turns to headings (IR)  POSTFLIGHT DISCUSSION □ Debrief the flight	
PREFLIGHT DISCUSSION	COMPLETION STANDARDS	
□ Situational awareness □ Realistic distractions\ □ Determining wind direction  INTRODUCE □ Rectangular courses □ S-Turns □ Turns Around a Point □ Maneuvering during slow flight (IR)  REVIEW	<ul> <li>⇒ Increased proficiency in coordinated airplane attitude control during basic maneuvers.</li> <li>⇒ Perform unassisted takeoffs</li> <li>⇒ Demonstrate correct communications and traffic pattern procedures.</li> <li>⇒ Landings completed with minimal assistance.</li> <li>⇒ Altitude ± 225</li> <li>⇒ Headings ± 15</li> <li>⇒ Indicates basic understanding of attitude instrument flying and simulated emergency procedures.</li> </ul> STUDY ASSIGNMENT	
<ul> <li>□ Positive exchange of flight controls</li> <li>□ Maneuvering during slow flight (VR)</li> <li>□ Power-Off stalls</li> <li>□ Power-On stalls</li> <li>□ Flight at slow airspeeds with distractions, and the recognition and recovery from stalls entered from straight, and turning flight</li> <li>□ Spin awareness</li> <li>□ Emergency approach to landing</li> </ul>	☐ Airport operations book & video	

PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 6 Dual – Local	DATE INSTRUCTOR	
LESSON OBJECTIVE  ☐ Introduce go-arounds, slips and crosswind TOAL's ☐ Review ground reference maneuvers ☐ Practice review maneuvers to gain proficiency ☐ Emphasis on go-arounds and any advanced maneuvers that seem	<ul><li>□ Wake turbulence avoidance</li><li>□ Emergency approach to landing</li></ul>	
difficult to student	POSTFLIGHT DISCUSSION	
PREFLIGHT	Review for prep for next lesson	
☐ Communication ☐ Workload management ☐ Lost communication procedures ☐ Runway incursion avoidance ☐ LAHSO procedures  INTRODUCE ☐ Go-arounds – rejected landings ☐ Forward slips to landings ☐ Crosswind TOAL's ☐ ATC light signals ☐ Runway incursion avoidance	Display increased proficiency in coordinated airplane attitude control Demonstrate ability to fly specific ground track ± 200 feet  Demonstrate basic understanding of how the forward slip is used for an approach to landing  Indicate knowledge of crosswind TOAL's and go-arounds.  STUDY ASSIGNMENT  References for flights 1 - 6	
□ LAHSO REVIEW		
Rectangular courses S-turns Turns around a point Normal TOAL's		

☐ Traffic patterns

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 7 Dual – Local	DATE INSTRUCTOR
LESSON OBJECTIVE	<ul> <li>Emergency procedures</li> <li>Emergency approach to landing</li> <li>ATC light signals</li> </ul>
<ul> <li>□ Practice instrument flight maneuvers, normal TOAL's, and emergency procedures in preparation for solo flight</li> <li>□ Review maneuvers and procedures that seem difficult</li> <li>□ Emphasis on ground reference maneuvers and emergency operations</li> </ul>	POSTFLIGHT DISCUSSION  Review for prep for next lesson
PREFLIGHT	COMPLETION STANDARDS
<ul> <li>□ Sections of FAR 61 &amp; 91 applicable to private pilots</li> <li>□ Airspace rules and procedures for the solo airport</li> <li>□ Flight characteristics and operational limitations for solo aircraft</li> </ul>	<ul> <li>⇒ Increased proficiency and skill in IR scan and interpretation</li> <li>⇒ TOAL's and go-arounds performed without assistance</li> <li>⇒ Emergency procedures accomplished with minimal assistance</li> <li>⇒ Ground reference maneuvers show increasing proficiency</li> </ul>
REVIEW	
☐ Straight and level flight – VR & IR ☐ Steep turns ☐ Constant airspeed climbs – VR & IR	STUDY ASSIGNMENT  Prepare for the Pre-Solo Written Exam and briefing.
<ul> <li>□ Constant airspeed descents – VR &amp; IR</li> <li>□ Climbing and descending turns</li> </ul>	IING CENTER
☐ Turns to headings – IR ☐ Rectangular courses ☐ S-turns ☐ Turns around a point ☐ Crosswind TOAL's ☐ Runway incursion avoidance ☐ LAHSO ☐ Go-arounds – rejected landings	
☐ Forward slips to landings	
☐ Systems and equipment malfunctions	

PRIVATE PILOT SYLLABUS	STUDENT		
LESSON 8 Dual – Local	DATE INSTRUCTOR		
Duai – Local	☐ MCA, distractions, stall recognition and recovery, S&L and turn		
• Hood required for .2 IR	☐ Spin awareness		
<ul> <li>Instructor administers and reviews Presolo Written Test</li> </ul>	☐ Steep turns		
	Rectangular courses		
LESSON OBJECTIVE	☐ S-turns		
☐ Practice review maneuvers & procedures to gain proficiency and	☐ Turns around a point		
confidence	☐ Systems & equipment malfunctions		
☐ Emphasis on correction of faulty tendencies in prep for solo	☐ Emergency procedures		
Emphasis on correction of facility tendencies in prop for solo	☐ Emergency approach and landing		
PREFLIGHT	Traffic patterns		
	Forward slips to land		
Presolo Written Exam critique	Go-around – rejected landing		
☐ Presolo flight training requirements FAR 61.87	☐ Normal and or crosswind approach and landing		
REVIEW	POSTFLIGHT DISCUSSION		
	A D. I. B. L. Charles and Land		
Operation of systems	Review for prep for next lesson		
Preflight inspection	COMPLETION STANDARDS		
☐ Engine starting ☐ Radio communication	⇒ Lesson complete when student passes Presolo Written with		
Normal and or crosswind taxi  FLIGHT TRAIN	minimum score of 80% - test is reviewed		
Before takeoff check	$\Rightarrow$ Demonstration of ability to safely fly solo in the pattern		
☐ Normal and or crosswind TOAL's	⇒ Exhibits understanding of IR flight		
☐ Climbing and descending turns	⇒ Indicates understanding of local airspace, equipment malfunction		
Collision avoidance precautions	and related emergency procedures		
☐ Wake turbulence avoidance	STUDY ASSIGNMENT		
☐ Straight & level flight IR	STOD THISSICIALITY		
☐ Turns to headings IR	Review any deficient subject areas found on the Presolo Written		
☐ Maneuvering during slow flight IR	Test. Review maneuvers – book, or video, or both.		
☐ Power off stalls			
Power on stalls			
☐ Maneuvering during slow flight			

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PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 9	DATE	INSTRUCTOR
Dual and solo– Local		
Required Endorsements	INTRODUCE SUPERVISED SOLO	
<ul> <li>Proof of citizenship</li> <li>Medical</li> <li>Knowledge 61.87(b) Presolo Written</li> <li>Flight training 61.87(c)</li> </ul>	Landing #1 – full stop, clea Landing #2 – stop on runwa Landing #3 – student's choi	
LESSON OBJECTIVE	☐ Radio communications ☐ Taxiing	
<ul> <li>□ Review takeoff and landing to assess readiness for solo flight</li> <li>□ Second portion of lesson is solo</li> <li>□ Emphasis on correct procedures and techniques</li> </ul>	<ul> <li>□ Before takeoff check</li> <li>□ Normal takeoffs and cl</li> <li>□ Traffic patterns</li> <li>□ Normal approaches and</li> </ul>	d landings (3)
PREFLIGHT	☐ After landing parking &	& securing
<ul> <li>☐ Any student questions</li> <li>☐ Student pilot supervised solo flight operations in pattern</li> </ul>	POSTFLIGHT DISCUSSIO  Debrief the flight	N
REVIEW	Review of next lesson	
□ Engine starting	COMPLETION STANDAR	DS
<ul> <li>□ Radio Communications</li> <li>□ Normal and or crosswind taxi ops</li> <li>□ Before takeoff check</li> </ul>		ity to solo safely in the pattern y of the flight be in question ely as instructed
<ul> <li>□ Normal takeoffs</li> <li>□ Traffic patterns</li> <li>□ Go around – rejected landing</li> </ul>	STUDY ASSIGNMENT	
☐ Normal landing	☐ Read ground reference in Prep for Stage Check	maneuvers – prepare to discuss

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 10 Dual – Local	DATE INSTRUCTOR
PREFLIGHT	COMPLETION STANDARDS
<ul> <li>□ Maneuvers</li> <li>□ Procedures</li> <li>□ Acceptable Performance Criteria</li> <li>□ Applicable Rules</li> <li>REVIEW</li> <li>□ Operation of systems</li> <li>□ Airworthiness requirements</li> <li>□ Engine starting</li> </ul>	<ul> <li>This completes Stage I when the student performs preflight duties and all other procedures and maneuvers necessary for the safe conduct of a solo flight in the local training area.</li> <li>Altitude ± 150 feet</li> <li>Headings ± 15°</li> <li>Airspeed ± 10 knots</li> </ul> STUDY ASSIGNMENT
<ul><li>□ Radio communications</li><li>□ Taxiing</li></ul>	☐ Performance takeoffs and landings – book & video
<ul> <li>□ Before takeoff check</li> <li>□ Collision avoidance</li> <li>□ Wake turbulence</li> <li>□ Maneuvering during slow flight</li> <li>□ Flight at slow airspeeds- distractions – recognition</li> </ul>	ÉLLIB
and recovery from stalls – S&L	IG CENTER
☐ Spin awareness ☐ Power off stalls ☐ Power on stalls	
☐ Systems & equipment malfunctions ☐ Emergency procedures ☐ Emergency approach and landing ☐ Traffic patterns ☐ Normal and or crosswind TOAL's	

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 11 Dual – Local	DATE INSTRUCTOR
LESSON OBJECTIVE	POSTFLIGHT DISCUSSION
<ul> <li>□ Learn procedures short and soft TOAL's.</li> <li>□ Review ground reference maneuvers, slow flight and stall recognition.</li> <li>□ Determine if student is competent to fly the second supervised solo in the traffic pattern.</li> <li>□ Emphasis on short and soft TOAL's.</li> <li>PREFLIGHT</li> <li>□ Weight and balance computations</li> <li>□ Performance estimates</li> <li>□ Effects of high density altitude</li> <li>□ Aeronautical decision making</li> </ul>	<ul> <li>Review for prep – lesson 12, second supervised solo in traffic pattern COMPLETION STANDARDS</li> <li>Student can explain runway conditions that necessitate the use of short and soft field techniques.</li> <li>Student can demonstrate the correct procedures used under existing or simulated conditions.</li> <li>Ground track during ground reference maneuvers:         <ul> <li>± 150 feet</li> </ul> </li> <li>STUDY ASSIGNMENT</li> <li>□ Review as required in preparation for second supervised solo in</li> </ul>
□ PIC responsibility  INTRODUCE □ Low level wind shear precautions □ Short field and maximum performance climbs □ Soft field takeoff and climb □ Short field approach and landing □ Soft field approach and landing	the traffic pattern  The centre of the traffic pattern of
REVIEW  ☐ Rectangular courses ☐ Turns around a point ☐ S-turns ☐ Maneuvering during slow flight ☐ Flight at slow airspeeds with distractions, recognition and	

recovery from stalls S&L.

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 12 Dual and/or solo – Local	DATE INSTRUCTOR
<ul> <li>A portion of this flight may be dual – instructors call</li> <li>LESSON OBJECTIVE</li> </ul>	POSTFLIGHT DISCUSSION
☐ Student will fly second supervised solo in the traffic pattern ☐ Emphasis on airport ops, TOAL's, approach & landing procedures, collision avoidance, & radio communications.	☐ Debrief the flight  COMPLETION STANDARDS
PREFLIGHT DISCUSSION	⇒ Student will perform each of the takeoffs using correct techniques.  Liftoff speed will not vary from recommended by more than 5
Solo ops in the traffic pattern  REVIEW – SUPERVISED SOLO	<ul> <li>knots</li> <li>⇒ Landing approaches will be stabilized and approach speed will not vary by more than 5 knots from recommended airspeed</li> <li>⇒ Smooth landing touchdowns ant the correct speed within 300 feet</li> </ul>
<ul><li>□ Radio communications</li><li>□ Taxiing</li></ul>	of the desired touchdown point
☐ Use of checklists ☐ Before takeoff check (run-up) ☐ Normal TOAL's	STUDY ASSIGNMENT  Prep for solo flight to practice area
☐ Traffic patterns ☐ ILS & VOR Instrument traffic in the pattern ☐ Traffic patterns ☐ Traffic patterns ☐ ILS & VOR Instrument traffic in the pattern	IG CENTER
<ul><li>□ Normal approach to landing</li><li>□ After landing, parking &amp; securing</li></ul>	

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 13 Solo – Local	DATE INSTRUCTOR
LESSON OBJECTIVE	POSTFLIGHT DISCUSSION
<ul> <li>□ Practice listed maneuvers to gain proficiency &amp; confidence</li> <li>□ Review ground reference maneuvers to increase skill in maintaining specific ground tracks</li> </ul>	Debrief the flight
☐ Practice other maneuvers as directed by the flight instructor ☐ Emphasis on traffic pattern entry, exit, approach and landing procedures to include use of a stabilized approach	COMPLETION STANDARDS
REVIEW	<ul> <li>⇒ Lesson is complete when student has conducted the assigned sold flight.</li> <li>⇒ The student should attempt to gain proficiency in each of the</li> </ul>
Radio communications	assigned maneuvers and procedures.
Normal and/or crosswind TOAL's	STUDY ASSIGNMENT
□ Power-Off stalls □ Power-On stalls	
☐ Maneuvering during slow flight	Read up on VOR and ADF operations
S-turns	Read attitude instrument flying
☐ Turns around a point	
☐ Traffic patterns	
☐ Normal and / or crosswind approaches and landings	
FLIGHT TRAIN	VING CENTER

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 14 Dual – Local	DATE INSTRUCTOR
<ul><li>Hood required for .5 hours</li></ul>	REVIEW
□ Practice listed maneuvers to gain proficiency & confidence □ Introduce airplane control by instrument reference during emergency situations to broaden student's knowledge □ Emphasis on introduction of VOR and ADF orientation, tracking, & homing, as well as attitude instrument flying  PREFLIGHT DISCUSSION □ Basic instrument maneuvers to include recovery from unusual attitudes □ Radio communication, navigation systems / facilities, & radar services □ Resource use □ Situational awareness □ Disorientation	<ul> <li>□ Low level wind shear precautions</li> <li>□ Short field takeoffs &amp; maximum performance climbs</li> <li>□ Short field approaches &amp; landings</li> <li>□ Power-Off stalls</li> <li>□ Power-On stalls</li> <li>□ Maneuvering during slow flight (IR)</li> <li>POSTFLIGHT DISCUSSION</li> <li>□ Debrief the flight</li> <li>COMPLETION STANDARDS</li> <li>⇒ Smooth TOAL's with directional control</li> <li>⇒ Stabilized approaches with airspeed within 5 knots of recommended approach speed</li> <li>⇒ Demonstrate basic understanding of VOR / ADF orientation,</li> </ul>
INTRODUCE  ☐ VOR orientation & tracking (VR) ☐ ADF orientation & homing (VR)	tracking & homing  ⇒ Display correct unusual attitude recovery techniques  ⇒ Initiate emergency climbs & descents by instrument reference using radio communications, navigation facilities and radar services
<ul> <li>□ Power-off stalls (IR)</li> <li>□ Power-on stalls (IR)</li> <li>□ Recovery from unusual attitudes</li> <li>□ Radio communications, navigation systems / facilities, &amp; radar services (IR)</li> </ul>	STUDY ASSIGNMENT  Inadvertent flight into IMC

PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 15	DATE INSTRUCTOR	
Dual – Local		
<ul> <li>Hood required for .5 hours</li> </ul>		
	☐ Crosswind TOAL's	
LESSON OBJECTIVE	☐ Forward slips to landings	
	☐ Go-arounds – rejected landings	
Review attitude instrument flying including all instrument procedures intended to help a private pilot (non instrument rated)	☐ Emergency ops	
avoid hazardous situations due to marginal VMC or inadvertent flight into IMC	POSTFLIGHT DISCUSSION	
☐ Review short & soft field procedures and emergency operations	☐ Debrief the flight	
☐ Emphasis on attitude instrument flying	- Beoner the hight	
	COMPLETION STANDARDS	
PREFLIGHT DISCUSSION	⇒ Competency in basic instrument maneuvers & procedures	at the
	private pilot level, control of aircraft during recovery from	unusua
Flight instrument functions, common errors, & limitations	attitudes, & emergency climbs & descents	
Navigation instruments	$\Rightarrow$ Maintains altitude $\pm$ 150 feet during level turns & straight	& level
☐ Inadvertent flight into IMC	flight.	
Operations in turbulence	⇒ Stall recovery is coordinated with minimal loss of altitude	
Partial panel operations	⇒ Increased skill in performance TOAL's	
☐ Resource use	⇒ Stall and unusual attitude recovery techniques correct	
	⇒ Be able to initiate emergency climbs and descents by instru	
REVIEW FLIGHT TRAIN	reference using radio communications, navigation facilities	s, &
	radar services	
□ VOR orientation & tracking (VR and IR)	STUDY ASSIGNMENT	
ADF orientation & homing (VR and IR)	STOD I ABSIGNALINI	
Maneuvering during slow flight (VR and IR)	☐ Night operations	
Power-Off stalls (VR and IR)	- Tright operations	
Power-On stalls (VR and IR)		
☐ Using radio communication, navigation systems / facilities, and		
radar services (IR)		
Recovery from unusual attitudes (IR)		
☐ Short field & maximum performance TOAL's		

☐ Soft field TOAL's

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 16 Dual Night – Local	DATE INSTRUCTOR
LESSON OBJECTIVE	☐ Maneuvering during slow flight
<ul> <li>□ Introduce night ops</li> <li>□ Practice night traffic patterns, TOAL's (5 this lesson – 5 in lesson 18 to meet 10 required night landings)</li> <li>□ Stress importance of including instrument references for maintaining flight attitude</li> <li>□ Emphasize the physiological factors &amp; additional planning associated with night flight</li> </ul>	<ul> <li>□ Normal TOAL's</li> <li>□ Short field – max performance TOAL's</li> <li>□ Soft field TOAL's</li> <li>□ Go around – rejected landing</li> <li>□ VFR navigation</li> </ul> POSTFLIGHT DISCUSSION
PREFLIGHT DISCUSSION  AIR FORCE	Debrief the flight
<ul> <li>□ Night vision</li> <li>□ Disorientation</li> <li>□ Visual illusions</li> <li>□ Night scanning / collision avoidance</li> <li>□ Aircraft, airport, &amp; obstruction lighting</li> <li>□ Personal equipment</li> </ul>	<ul> <li>⇒ Demonstrates importance of attitude control</li> <li>⇒ Holds altitude ± 150 during level turns, &amp; straight &amp; level flight.</li> <li>⇒ Stall recoveries made with minimal loss of altitude</li> <li>⇒ Completes 5 TOAL's to full stop involving flight in the traffic pattern</li> </ul>
INTRODUCE FLIGHT TRAINI	⇒ All approaches are stabilized with touchdown at a predetermined area on the runway
<ul><li>□ Preparation for night flying</li><li>□ Aeromedical factors</li></ul>	STUDY ASSIGNMENT
☐ Flight planning considerations ☐ Use of checklists ☐ Preflight inspection ☐ Airworthiness requirements ☐ Taxiing ☐ Before takeoff check ☐ Power-Off stalls ☐ Power-On stalls	☐ Prep for dual cross country assigned by instructor

☐ Steep turns

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 17 Dual – Cross Country	DATE INSTRUCTOR
<ul> <li>Hood required for .5 hours</li> </ul>	INTRODUCE Cross Country Flight
LESSON OBJECTIVE	Cross Country Flight
<ul> <li>Introduce cross-country procedures &amp; techniques to be used during flights out of the local practice area using VOR, ADF, radar services under instrument conditions.</li> <li>Prepare the student to make cross-country flights as the sole occupant of the airplane.</li> <li>Review instrument &amp; emergency operations.</li> <li>Emphasis on cross-country navigation procedures that include a point of landing with a straight line distance of more than 50 nautical miles from the original point of departure.</li> </ul>	☐ Flight plan considerations ☐ Departure ☐ Opening flight plan ☐ Course interception ☐ Pilotage ☐ Dead reckoning ☐ VOR navigation ☐ ADF navigation ☐ Use of radar services (VR) ☐ Power setting & mixture control
PREFLIGHT DISCUSSION	Diversion to an alternate
Cross Country Planning	Lost procedures
<ul> <li>□ Sectional charts</li> <li>□ Flight publications</li> <li>□ Route selections, pilotage, &amp; dead reckoning</li> <li>□ Weather information</li> </ul>	<ul> <li>□ Estimates of groundspeed &amp; ETA</li> <li>□ Position fix by navigation facilities</li> <li>□ Flight on Federal Airways</li> <li>□ Collision avoidance precautions</li> <li>□ Closing the flight plan</li> </ul>
Fuel requirements	Instrument Flight
<ul> <li>□ Performance &amp; limitations</li> <li>□ Navigation log</li> <li>□ FAA flight plan (file, open, amend &amp; close)</li> <li>□ Weight &amp; balance</li> <li>□ Cockpit management</li> <li>□ Aeromedical factors</li> </ul>	Instrument Flight  ☐ VOR tracking (IR) ☐ ADF homing (IR) ☐ Use of radar services (IR)  Airport Operations
<ul> <li>☐ Aeronautical decision making</li> <li>☐ Resource use</li> <li>☐ Workload management</li> <li>☐ Basic instrument maneuvers &amp; procedures</li> </ul>	<ul><li>□ National Airspace System</li><li>□ Controlled airports</li></ul>

LESSON 17 (Continued) Dual – Cross Country
Airport Operations (continued)
<ul> <li>□ Use of ATIS</li> <li>□ Use of Approach &amp; Departure Control</li> <li>□ Go around – rejected landing</li> <li>□ CTAF – (FSS or UNICOM) airports</li> </ul>
REVIEW
□ Emergency operations □ Systems & equipment malfunctions □ Runway incursion avoidance □ Emergency approach & landing (simulated) □ Emergency equipment & survival gear  POSTFLIGHT DISCUSSION □ Debrief the flight □ Prep for night cross country
COMPLETION STANDARDS  ⇒ Demonstrate the skill to perform cross country flight safely as the sole occupant of the aircraft, including use of navigation systems and radar services under simulated instrument conditions.  ⇒ Include a point of landing at least a straight line distance of more than 50 nautical miles from the original point of departure.  ⇒ Demonstrate complete preflight planning, weather analysis, use of FAA publications & charts, adherence to the preflight plan, & use of pilotage, dead reckoning, radio communications, & navigation systems.
STUDY ASSIGNMENT
☐ Prep for night cross country flight

CROSS COUNTRY TRAINING ROUTE	
KMYV – KCIC – KRBL – KMYV	KCIC – KRBL – 2,500 - 304°
Dual Training Route	☐ Busy leg, look for bridges at Los Molinos☐ Look for (I5 hard to see) if not, pull up VOR 115.7
☐ DISCUSS FILING AND OPENING FLIGHT PLANS (ROUND ROBIN)	<ul> <li>Discuss pattern entry RP, crossing over field, etc. Be ready</li> <li>Do short field landing – soft field take off – then soft field landing – short field take off</li> </ul>
<ul> <li>□ File with Rancho Murietta 1.866.272.7525 (1.800.WXBRIEF goes direct to Reno FSS) List landings at all airports in comments section.</li> <li>□ Open in air – prior to NorCal Contact – Keeps us under 1600 for a while</li> <li>□ Open in air after NorCal Contact – creates need to leave frequency – ok, but creates some more work</li> <li>□ Open with RCO 122.6 – Rancho Radio on the ground prior to departure</li> <li>□ Open and file at same time – sometimes they won't do it – be careful of delays prior to departure</li> <li>□ DISCUSS PILOTAGE AND DEAD RECKONING</li> </ul>	<ul> <li>KRBL – KMYV - 3,500 or 5,500 - 136°</li> <li>☐ Give Rancho Radio position report RCO 122.4</li> <li>☐ Lean Mixture</li> <li>☐ Listen to HIWAS on VOR 115.7</li> <li>☐ Contact Oakland Center 132.2 – request flight following</li> <li>☐ Find Corning – Find Orland – how to determine which is which</li> <li>☐ Find Hamilton City – time hack – do time, speed, distance problem in cockpit to Gridley</li> <li>☐ Hood Time (Try for 30 minutes)</li> <li>☐ Pull up MYV VOR 110.8 – use as back up for navigation while under hood</li> <li>☐ Try also RBL VOR 115.7 – track outbound while under hood</li> </ul>
DISCUSS PILOTAGE AND DEAD RECKONING	Hood objectives – hold altitude, course, multi tasking, cockpit
<b>KMYV – KCIC</b> – 4,500 - 326°	management, etc.
<ul> <li>□ Pick up NorCal</li> <li>□ Lean Mixture</li> <li>□ Look for landmarks – Gridley (067° From Maxwell 110.0) – Oroville</li> <li>□ Let down at junction of 70 &amp; 99</li> <li>□ Get Chico ATIS – be prepared to call CIC Tower 10 miles out</li> <li>□ Prep for handoff from NorCal to Oakland Center – Advise tower inbound 10 South East (no radar in D)</li> <li>□ Ask for touch &amp; go followed by full stop – taxi back</li> <li>□ Depart CIC – request VFR to RBL, or ask for North West departure</li> </ul>	ING CENTER

PRIVATE PILOT SYLLABUS	STUDENT
LESSON 18 Dual – Local	DATE INSTRUCTOR
<ul><li>Hood required for .5 hours</li></ul>	☐ Diversion to alternate
LESSON OBJECTIVE	☐ Lost procedures ☐ Unusual attitude recovery (IR)
☐ Introduce night navigation and emergency procedures ☐ Recognize importance of planning & navigation	REVIEW
☐ First flight should be total distance greater than 100 miles – one	☐ Preparation for night flight
landing with straight line distance greater than 50 miles from	☐ Aeromedical factors
departure/	☐ Flight plan considerations
Attitude instrument flying practice.	☐ Maneuvering during slow flight (VR & IR)
Emphasize precise aircraft control & accurate navigation required	☐ Normal TOAL's
for night cross-country flight.	☐ Short-field TOAL's
PREFLIGHT DISCUSSION	Soft Field TOAL's
	☐ Go-around / rejected landings
<ul><li>□ Night orientation, navigation &amp; chart reading techniques.</li><li>□ Weather information</li></ul>	POSTFLIGHT DISCUSSION
☐ Route selection	☐ Debrief the flight
☐ Altitude selection	
☐ Fuel requirements	COMPLETION STANDARDS
☐ Departure & arrival procedures FLIGHT TRAINI	⇒ Student understands night cross-country preparation & flight procedures including ability to maintain attitude by reference to instruments.
INTRODUCE	⇒ Navigation is accurate, emergency procedures are prompt, judgment is sound.
☐ Use of ATIS, Approach & Departure Control	$\Rightarrow$ 100 & 50 nautical mile distance requirements are met.
☐ Pilotage	⇒ Landing approaches are stabilized – touchdown at or near intended
☐ Dead Reckoning	point on runway.
Radio navigation (VR & IR)	
Emergency operations	STUDY ASSIGNMENT
☐ Use of unfamiliar airports	Prepare for solo cross country
☐ Collision avoidance precautions	

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PRIVATE PILOT SYLLABUS	STUDENT
LESSON 19	DATE INSTRUCTOR
Solo – Cross Country (2.5) LESSON OBJECTIVE	REVIEW PREFLIGHT PREPARATION
<ul> <li>Use previous experience &amp; training to complete solo cross country.</li> <li>Increase proficiency and confidence.</li> <li>The flight should include a point of landing at least a straight line distance of more than 50 nautical miles from original point of departure.</li> <li>Emphasize planning and following the plan, including alternatives.</li> </ul>	☐ Flight plan considerations ☐ Sectional charts ☐ Flight publications ☐ Route selection ☐ Weather information ☐ Fuel requirements ☐ Performance limitations ☐ Weight & balance
PREFLIGHT DISCUSSION  AIR FORGE	☐ Nav log ☐ FAA Flight Plan
<ul> <li>□ Review the Solo Cross Country nav log</li> <li>□ Required documents and endorsements</li> <li>□ Basic VFR weather minimums and airspace rules</li> <li>□ Enroute communications</li> <li>□ ATC services available to pilots</li> <li>□ Enroute weather information</li> <li>□ VFR position report</li> <li>□ Emergency Operations</li> <li>□ Lost procedures</li> <li>□ Diversion</li> <li>□ Lost communication procedures</li> <li>□ ATC light signals</li> <li>□ Aeronautical decision making</li> <li>□ Resource use</li> <li>□ Workload management</li> </ul>	☐ Aeromedical factors  CROSS COUNTRY FLIGHT  ☐ Opening the flight plan ☐ VOR and ADF navigation ☐ Position fix by navigation facilities ☐ Pilotage ☐ Dead reckoning ☐ Flight on Federal Airways ☐ Use of unfamiliar airports ☐ Estimates of groundspeed ☐ Estimates of ETA ☐ Closing the flight plan  POSTFLIGHT DISCUSSION
	<ul><li>□ Debrief the flight</li><li>□ Review the nav log</li></ul>

### LESSON 19 (continued)

☐ Discuss any areas of question

☐ Discuss unfamiliar airports and new found understanding of them

### **COMPLETION STANDARDS**

⇒ Demonstrate accurate planning and conduct of a VFR Cross Country flight using the three methods of navigation.

⇒ At least one landing at an airport more than 50 nm away

### STUDY ASSIGNMENT

Study PTS



PRIVATE PILOT SYLLABUS	STUDENT	
LESSON 20 - Stage Check	<b>DATE</b>	INSTRUCTOR
Dual – Local (1.0)		
	☐ Pilotage	
	Dead Reckon	ing
LESSON OBJECTIVE	Collision avo	idance
	☐ Low level win	nd shear precautions
This stage check evaluates the student's TOAL's and stall	☐ Diversion to a	<u>-</u>
recognition / recovery procedures to determine any areas of	☐ Lost procedur	res
weakness.	☐ Emergency of	perations
Additionally – the students ability to plan and conduct cross	_ ,	settings and mixture control
country flights will be evaluated as well as safe and effective operation to the aircraft during all other phases of flight in Stages	☐ Soft field TO	
I and II of the syllabus.	☐ Short field TO	OAL's
Tund if of the symbols.	☐ Power off sta	lls
PREFLIGHT DISCUSSION AIR FORCE	☐ Power on stal	ls
	( - J	3
CONDUCT OF THE STAGE II FLIGHT CHECK	POSTFLIGHT I	DISCUSSION
☐ Maneuvers	Y	
☐ Procedures	Debrief the fl	
☐ Acceptable performance criteria	☐ Identify areas	of operation which need attention
☐ Applicable rules	GOVERN ELECTRON	TAND ADD C
	COMPLETION S	
REVIEW		bility to plan and conduct cross country flights using
PREFICUT PREPARATION		dge of flight planning, preflight action, weather he appropriate aeronautical publications.
PREFLIGHT PREPARATION  ☐ National airspace system		rrect use of the three methods of navigation, the
Cross country planning		ectly determine position at any time, and the ability
☐ Weather information	<del>_</del>	ΓAs within 10 minutes.
Cockpit management	-	he ability to plot a course to an alternate
Use of check lists	$\Rightarrow$ Demonstrates	short and soft field techniques safely with consisten
Use of check lists	results.	
CROSS COUNTRY FLIGHT		d be proficient in all other maneuvers and
Departure	-	well as the associated knowledge areas of Stages I
Course intercention	and II prior to	advancing to Stage III.

☐ VOR navigation

PRIVATE PILOT SYLLABUS	STUDENT
STAGE III	
LESSON 21	DATE INSTRUCTOR
Solo – Cross Country (2.0)	
	Flight publications
	Route selection
LESSON OBJECTIVE	☐ Weather information
	☐ Fuel requirements
Complete the scheduled flight to improve judgment & confidence	☐ Performance limitations
when operating in unfamiliar areas.	☐ Weight & balance
The flight includes a point of landing at lease a straight line	☐ Nav log
distance of more than 50 nm from original point of departure	☐ FAA Flight Plan
Three TOAL's to a full stop, each landing at an airport with a	
control tower.	_ CROSS COUNTRY FLIGHT
Emphasize cross country procedures and rules for flight in Class D Airspace	☐ VOR navigation
D'Alispace Air Force	☐ Position fix by navigation facilities
PREFLIGHT DISCUSSION	☐ Pilotage
TREE BIGITI DISCOSSION	☐ Dead reckoning
☐ Required documents and endorsements	☐ Estimates of groundspeed
☐ Basic VFR weather minimums	☐ Estimates of ETA
☐ Route of flight – alternates – emergency operations	☐ Use of unfamiliar airports
Lost procedures	1 1 1 1 8
Diversion	POSTFLIGHT DISCUSSION
☐ ETA estimates	OF DEPT.
☐ Fuel requirements	
Aeronautical charts and publications that apply to the flight	Review the completed nav log
☐ Enroute communication, ATC services and pertinent sources of	Discuss any questions
weather information	☐ Address areas of challenge
☐ Aeronautical decision making	COMPLETION STANDARDS
☐ Situational awareness	⇒ Lesson is complete when the flight is complete
	⇒ Review the nav log – revised ETA at each checkpoint should not
REVIEW	vary from the ATA by more than $\pm 5$ minutes
	⇒ At least one landing was made at an airport more than 50 nm from
PREFLIGHT PREPARATION	departure airport
☐ Sectional charts	1

PRIVATE PILOT SYLLABUS	STUDENT	
STAGE III		
LESSON 22	DATE INSTRUCTOR	
Solo Cross Country (4.0)		
LESSON OBJECTIVE	☐ Weather information	
_	☐ Fuel requirements	
☐ During this lesson the student completes the long cross country	☐ Performance & limitations	
requirement.	☐ Weight & balance	
☐ The flight is at least 100 nm total distance with landings at t	☐ Navigation log	
minimum of 3 points – including a straight line distance of at least 50 nm between take off and landing locations.	☐ FAA Flight Plan	
☐ Three takeoff and landings to a full stop with each landing	CROSS COUNTRY FLIGHT	
involving flight in the traffic pattern at an airport with an	☐ Opening & closing the Flight Plan	
operating control tower (this lesson, or another as long as	□ VOR navigation	
completed ).	☐ Pilotage	
Emphasize cross country procedures and rules for flight in Class	Dead reckoning	
D airspace.	☐ Estimates of groundspeed	
DDEELICHT DISCUSSION	☐ Estimates of ETA	
PREFLIGHT DISCUSSION	☐ Use of controlled airports	
☐ Conduct of the planned flight	☐ Use of airports with CTAF (FSS & / or UNICOM)	
☐ Cockpit management, decision making, & judgment		
☐ FAA flight plan (how to open, amend, position report & close)	POSTFLIGHT DISCUSSION	
☐ Use of the mag compass	A PA PA	
☐ Emergency operations FLIGHT TRAIN	Debrief the flight	
☐ Enroute communications & facilities	Review the completed nav log	
☐ In flight weather analysis & services	☐ Discuss any area in question or areas of challenge	
☐ Unfamiliar airport operations	COMPLETION STANDARDS	
1 1		
	⇒ Demonstrate proficiency by completing the flight as planned without incident	
REVIEW	⇒ Review the completed nav log during post flight evaluation to	
	determine if it was completed and used correctly	
PREFLIGHT PREPARATION	$\Rightarrow$ The cross country flight must meet the requirements, 100 nm – 50	
National Airspace System	miles between landings – three points of landing	
Sectional Charts	⇒ Successfully accomplish 3 full stop landings at a towered airport	
☐ Flight publications		

PRIVATE PILOT SYLLABUS STAGE III	STUDENT	
LESSON 23	<b>DATE</b>	INSTRUCTOR
Dual – Local (2.0)	☐ Airport operati	
Hood required for maneuvers		crosswind TOAL's rejected landings
LESSON OBJECTIVE	☐ Short field TO☐ Soft field TO☐	
<ul> <li>Review the areas of operation, including specified maneuvers &amp; procedures determined by the instructor to increase proficiency to the level required by the PTS.</li> <li>Further develop the student's knowledge &amp; skill in preparation for the private pilot practical test.</li> <li>Emphasis will be on correction of any deficient skill or knowledge areas.</li> </ul>	Cross country Specific mane	perations parking, & securing flight procedures cuvers or procedures assigned by the flight instructor DISCUSSION
PREFLIGHT DISCUSSION	Debrief the flig	ght - how to read - know what to expect
☐ Maneuvers & procedures in preparation for the Stage III Check and End of Course Check flights, and FAA Practical Test, including spin awareness and night operations.	Review Oral E	Exam Guide
REVIEW FLIGHT TRAIN	performing each	hibits progress & acceptable proficiency by ch assigned maneuver smoothly & with proper and precision according to PTS.
<ul> <li>□ Preflight preparation</li> <li>□ Ground operations</li> <li>□ Maneuvering during slow flight (VR – IR)</li> <li>□ Power off and power on stalls (VR – IR)</li> <li>□ Steep turns</li> <li>□ Ground reference maneuvers</li> <li>□ Using radio communications, navigation systems / facilities, &amp; radar services (IR)</li> </ul>		in need of attention stand PTS – know what to expect
radar services (IR)  Unusual attitude recoveries (IR)		

PRIVATE PILOT SYLLABUS	STUDENT	
STAGE III		
LESSON 24	<b>DATE</b>	INSTRUCTOR
Dual – Local (2.0)		
	Normal & o	r crosswind TOAL's
<ul><li>Hood required for maneuvers</li></ul>	☐ Go-arounds	/ rejected landings
	☐ Short field 7	TOAL's
LESSON OBJECTIVE	☐ Soft field TO	OAL's
	Forward slip	os to landings
Review the areas of operation specifically assigned by the	☐ Emergency	operations
instructor with special emphasis on correcting any deficiency in	After landin	g, parking, & securing
the performance of maneuvers or procedures before the Stage III check.	☐ Cross countr	ry flight procedures
_	☐ Specific man	neuvers or procedures assigned by the flight instructor
Further develop the student's knowledge and skill in preparation for the private pilot practical test.		
Emphasis will be on correction of any deficient skill or knowledge	POSTFLIGHT	DISCUSSION
areas.	SERVICES	
arcas.	Debrief the f	
	Discuss PTS	S – how to read - know what to expect
PREFLIGHT DISCUSSION	Review Oral	Exam Guide
D. Managara C. annual density and action for the Start III. Fold of	COMPLETION	STANDARDS
Maneuvers & procedures in preparation for the Stage III, End of		
Course Flight Check, & FAA Practical Test, including spin awareness & night operations.	⇒ Lesson comp	lete when student has practiced the assigned
awareness & night operations.	maneuvers &	
REVIEW FLIGHT TRAIN	$\Rightarrow$ The student e	exhibits competence & ability to correct weak areas determined previously.
☐ Preflight preparation	_	assigned maneuver & procedure with proper
Ground operations		& precision according to the PTS
☐ Maneuvering during slow flight (VR – IR)		
Power off and power on stalls (VR – IR)		
Steep turns	STUDY ASSIGN	NMENT
Ground reference maneuvers	<b>—</b>	
☐ Using radio communications, navigation systems / facilities, &		erstand PTS – know what to expect
radar services (IR)	Review Oral	I Exam Guide
☐ Unusual attitude recoveries (IR)		
☐ Airport operations		
All port operations		

PR	IVATE PILOT SYLLABUS	LOT SYLLABUS STUDENT	
	AGE III	D.A. MINI	
	SSON 25	DATEINSTRUCTOR	
Du	al – Local (1.0)	D. Hayayal attituda maaayamy (ID.)	
LE	CCON OD IECTIVE	Unusual attitude recovery (IR)	
LESSON OBJECTIVE		☐ Airport operations ☐ Normal & / or crosswind TOAL's	
	This stage check is conducted by the chief, or assistant chief flight		
	instructor. It is intended to evaluate the student's ability to	Go arounds / rejected landings	
	perform the listed maneuvers at the proficiency level of a private	Short field / max performance TOAL's	
	pilot.	☐ Soft field TOAL's	
	Additionally, the students ability to plan and conduct cross-	Forward slips to landings	
	country flights safely will be evaluated, as well as safe and	Emergency operations	
	effective operation of the aircraft during all other phases of flight	☐ After landing, parking, & securing	
	in Stage III of this syllabus.	CROSS COUNTRY FLIGHT	
PRI	AR FORCE	Radio navigation	
	EFLIGHT DISCUSSION	Pilotage & dead reckoning	
	CONDUCT OF THE CTACE HI CHECK INCLUDING	Diversion to alternate	
	CONDUCT OF THE STAGE III CHECK, INCLUDING	Lost procedures	
	Maneuvers	Lost procedures	
	Procedures  A control to procedure services in the service service service in the service	POSTFLIGHT DISCUSSION	
	Acceptable performance criteria		
	Applicable rules	☐ Debrief the flight	
	Human factors concepts	☐ Identify areas in need of attention	
RE	VIEW FLIGHT TRAININ	☐ Discuss PTS expectations	
	MANEUVERS & PROCEDURES	COMPLETION STANDARDS	
	Preflight preparations	⇒ Each maneuver or procedure should be performed to PTS	
	Ground operations	⇒ Mastery of the aircraft should be evident	
	Maneuvering during slow flight ( VR - IR )	⇒ The successful outcome of each task is not in doubt	
	Power off stalls (VR – IR)	⇒ Maneuvers that do not meet PTS are reviewed & given additional	
	Power on stalls (VR – IR)	practice	
	Steep turns	⇒ Student exhibits sound understanding of the knowledge, skill, and	
	Ground reference maneuvers	proficiency requirements for private pilot certification	
	Using radio communications, navigation systems / facilities &	⇒ Student exhibits ability to plan and conduct cross country flights	
_	radar services (IR)	using sound knowledge of flight planning, preflight action, weather analysis, & appropriate aeronautical publications	

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# LESSON 25 (continued)

### STUDY ASSIGNMENT

- ☐ Study the PTS know what to expect
- ☐ Prep for End of course flight check
- ☐ Prep for Oral Exam



PRIVATE PILOT SYLLABUS	STUDENT
STAGE III	
LESSON 26	DATE INSTRUCTOR
Dual – Local (1.0)	
	CROSS-COUNTRY FLYING
LESSON OBJECTIVE	Pilotage & Dead Reckoning
	Radio navigation
☐ This end-of-course Flight Check, conducted by the chief or	Diversion to an alternate
assistant chief flight instructor is to evaluate the student's overall	☐ Lost procedures
proficiency, skill, and knowledge in private pilot operations.	DACIC DILOTING CIVILI C
Additionally, the student will exhibit the sound judgment and decision making capabilities necessary for a private pilot to	BASIC PILOTING SKILLS
operate effectively and safely within the U.S. National Airspace	☐ Preflight inspection
System.	Cockpit management
System.	Use of checklist
PREFLIGHT DISCUSSION	☐ Engine starting
AIR FORCE	Taxiing
CONDUCT OF THE FLIGHT CHECK, INCLUDING:	Before take-off check
☐ Maneuvers	Radio communications
☐ Procedures	☐ ATC Light signals
☐ Acceptable performance criteria	Collision avoidance precautions
☐ Applicable rules	Low-level wind shear precautions
	☐ Wake turbulence avoidance
REVIEW	Airport, runway, & taxiway markings & lighting
	Normal & Crosswind take-off's
PREFLIGHT PREPARATION FLIGHT TRAINI	Short-field take-off's
☐ Certificates & documents	Soft-field take-off's
Airworthiness requirements	Straight & level flight (VR - IR)
☐ Weather information	☐ Constant airspeed climbs (VR – IR)
Performance & limitations	$\square$ Constant airspeed descents (VR – IR)
☐ Cross-country flight planning	$\square$ Turns to headings (VR – IR)
Operation of systems	Unusual attitudes (IR)
Aeromedical factors	☐ Using radio communications, navigation facilities, & radar
☐ National Airspace System	services (IR)
	☐ Maneuvering during slow flight
	Power-off stalls
	Power-on stalls

## LESSON 26 (continued)

	Flight at slow airspeeds with realistic distractions, and the
	recognition and recovery from stalls entered from straight & level
	flight and turns
	Spin awareness
	Steep turns
	Ground reference maneuvers
	Emergency approaches & landings (simulated)
	Emergency equipment & survival gear
	Systems & equipment malfunctions
	Traffic patterns
	Normal & crosswind approaches
	Forward slips to landing
	Go-around / rejected landings
	Short field approach & landing
	Soft field approach & landing
	After landing, parking & securing
PC	OSTFLIGHT DISCUSSION
	Debrief the flight
Ч	Determine areas in need of attention
CO	MPLETION STANDARDS
	The student demonstrates proficiency that meets or exceeds the
$\rightarrow$	The student demonstrates proficiency that meets of exceeds the

- ⇒ The student demonstrates proficiency that meets or exceeds the standard of performance outlined in the current PTS.
- ⇒ Mastery of the airplane demonstrated with successful outcome of each task never in doubt.
- $\Rightarrow$  Additional instruction will be assigned if necessary to meet PTS.

### STUDY ASSIGNMENT

Review areas in need of attention.

Consider oral exam issues in need of attention.