View All Lesson Objectives – Instrument Rating Part 141

Stage	Lesson	Lesson Name	Lesson Completion Standards	NOTES:	All required tas Grading Scale: All lessons mu

Stage	Lesson	Lesson Name	Lesson Objectives
1	1	Ground Lesson 1	
1	2	Ground Lesson 2	
1	3	Ground Lesson 3	
			Become familiar with the instrument training airplane.
			Briefly review normal preflight, takeoff, and landing procedures.
1	4	Flight Lesson 1	Practice attitude instrument flight with emphasis on precise aircraft control solely by
			Review full panel instrument flying in preparation for partial panel flight.
1	5	Flight Lesson 2	Introduce the student to aircraft instrument systems, equipment, and preflight check
1	6	Ground Lesson 4	
			Review systems and equipment checks.
1	7	Flight Lesson 3	Increase proficiency in full panel instrument flying.
			Review full panel instrument flight.
1	8	Flight Lesson 4	Introduce partial panel attitude instrument flying including related systems and equip
1	9	Ground Lesson 5	
1	10	Ground Lesson 6	
			Continue to review full and partial panel instrument flight.
			Become more familiar with related systems and equipment malfunctions.
1	11	Flight Lesson 5	Introduce additional full/partial panel instrument maneuvers and procedures.
			Further develop full and partial panel instrument attitude flying skills.
1	12	Flight Lesson 6	Introduce partial panel stalls and maneuvering during slow flight.
1	13	Ground Lesson 7	
			Enhance proficiency in the listed full panel attitude instrument maneuvers.
1	14	Flight Lesson 7	Improve partial panel skills in stall recoveries, slow flight, and unusual attitude recov
1	15	Ground Lesson 8	
			Continue to develop proficiency in the basic listed attitude instrument maneuvers.
1	16	Flight Lesson 8	Gain an understanding of VOR orientation as well as VOR radial interception and tra
1	17	Ground Lesson 9	
			The student will gain additional experience and knowledge understanding of VOR or
1	18	Flight Lesson 9	Introduce VOR time and distance calculations, intercepting and tracking DME arcs (i
			Practice and gain proficiency in VOR orientation, tracking, and time, speed, and dist
			Become familiar with basic ADF equipment and NDB procedures.
1	19	Flight Lesson 10	Introduce NDB time, speed, and distance calculations.
			Introduce front and back course localizer tracking.
			Continue to gain proficiency with full and partial panel procedures.
1	20	Flight Lesson 11	Learn to interpret the CDI indications associated with the increased sensitivity of the
			Increase proficiency in basic attitude instrument flight procedures.

1	21	Flight Lesson 12	Introduce VOR and NDB orientation/tracking procedures using partial panel.
1	22	Flight Lesson 13 -- S	The Chief Instructor, Assistant Chief, or a designated Check Instructor will evaluate
2	1	Ground Lesson 10	
2	2	Ground Lesson 11	
2	3	Ground Lesson 12	
			Review instrument systems and equipment malfunctions.
2	4	Flight Lesson 14	The student should become familiar with VOR standard and nonstandard holding pa
			The student should demonstrate increased proficiency in performing standard VOR
2	5	Flight Lesson 15	Introduce nonstandard NDB and standard localizer holding procedures.
			The student will review the holding procedures introduced in previous lessons.
2	6	Flight Lesson 16	The student will also be introduced to other types of holding patterns.
2	7	Ground Lesson 13	
2	8	Ground Lesson 14	
2	9	Ground Lesson 15	
2	10	Ground Lesson 16	
			Review previously learned holding pattern procedures and systems/equipment malfu
			Familiarize the student with nonprecision instrument approach procedures (IAPs) an
			NOTE: The instructor and student must keep in mind FAR 61.1(b)(9) which states ar
2	11	Flight Lesson 17	If the training airplane is DME-equipped, the syllabus listings for VOR approaches m
			Begin to develop proficiency in nonprecision instrument approach procedures and m
2	12	Flight Lesson 18	Introduce procedures for completing a circling approach and landing from a straight-
			Begin to develop proficiency in nonprecision instrument approach procedures and m
2	13	Flight Lesson 19	Introduce procedures for completing a circling approach and landing from a straight-
2	14	Ground Lesson 17	
			Improve proficiency in localizer and VOR approaches.
2	15	Flight Lesson 20	Become familiar with ILS approach procedures.
			Review full panel instrument approach procedures for precision and nonprecision ap
			Introduce the student to the procedure for an approach with a loss of the primary flig
2	16	Flight Lesson 21	Introduce the student to no-gyro radar vectoring and approach procedures.
2	17	Ground Lesson 18	
			The student should review instrument approach procedures as well as holding patte
2	18	Flight Lesson 22	Introduce VOR/DME RNAV, GPS, and Approach with Vertical Guidance (APV) appr
2	19	Ground Lesson 19	
2	20	Flight Lesson 23 -- S	The Chief Instructor, Assistant Chief Instructor, or a Designated Check Instructor wil
3	1	Ground Lesson 20	
3	2	Ground Lesson 21	
			The student should be introduced to IFR cross-country procedures by conducting ar
3	3	Flight Lesson 24	The student should develop an understanding of the appropriate emergency proced
3	4	Ground Lesson 22	
			Introduce the student to IFR flight planning applications by conducting an IFR cross-
3	5	Flight Lesson 25	Review the appropriate emergency procedures for enroute IFR operations.
3	6	Ground Lesson 23	
3	7	Ground Lesson 24	

3	8	Ground Lesson 25	
			The student will continue to learn how to accurately plan and conduct an IFR cross-c
			Introduce the student to aeronautical decision making and cockpit management con
			NOTE: The flight is designed to meet the cross-country requirements stated in FAR
			The flight must be at least 250 nautical miles in length on federal airways or as route
3	9	Flight Lesson 26	The flight must also be conducted under IFR in the category and class of airplane fo
			Increase the students proficiency in planning and conducting all phases of the IFR c
			The student should understand the appropriate emergency procedures as well as re
3	10	Flight Lesson 27	Develop student competency in utilizing resource management and decision making
3	11	Ground Lesson 26	
3	12	Flight Lesson 28 -- S	The Chief Instructor, Assistant Chief, or a Designated Check Instructor will evaluate
3	13	Ground Lesson 27	
			The Chief Instructor, Assistant Chief, or a Designated Check Instructor will evaluate
3	14	Flight Lesson 29 -- E	This is the END-OF-COURSE CHECK in preparation for the Instrument Rating Pract

ks will be graded using the 1 to 5 scale, with all grades recorded in the corresponding Flight lesson box.

1) well below standard 2) Unsatisfactory 3) Meets Lesson Standards 4) Meets ACS standards 5) Well above Sta

ust be completed and the student must receive a grade of 3 or better in each required task as well as in the ove order to be eligible to move on to the next lesson.

instrument reference including basic instrument flight maneuvers.

s necessary for IFR flight.

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acking.

ientation, radial interception and tracking.

if the airplane is so equipped), and the use of ADF equipment and NDB procedures.

ance calculations.

localizer while tracking inbound on the front or back course.

the student's proficiency in attitude instrument flight and navigation to ensure the student is prepared for more comple›

·country over 50 nautical miles from the original point of departure, becoming familiar with IFR departure, enroute, and

Part 141, Appendix C. It includes at least three different types of approaches using navigation systems, each approacl

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erall lesson in

‹ instrument flying procedures.

arrival procedures.

ı executed at a different airport.