

for use with

9/1/86

Private Pilot - Practical Test Standard (FAA-S-8081-1)

Question Selection Sheet

Applicant's Name _____ Date _____

Examiner's Name _____

Did this applicant receive formal judgment training? Yes No (Circle)

Estimate the amount of additional time that was required to administer the judgment evaluation questions. _____

Instructions

On the reverse side of this page there are seven judgment questions randomly selected from the Master Question List (MQL). Select three (3) of these questions for evaluating this applicant's judgment.

If you also have additional "favorite" questions which you would like to use, add them to the three selected questions. Be sure to accurately describe such additional questions in the space provided. If you wish to use additional questions from the MQL, please list the question number in the space provided.

Ask the applicant to decide or comment on a course of action to be taken for the given situation. The applicant should be able to give a reason(s) to support his/her decision or action.

Grade the applicant's response by checking either "S" or "U" for satisfactory or unsatisfactory. An "S" grade means the examiner feels that the applicant's response reflects compliance with the Federal Aviation Regulations (FAR) and accepted good operating practices and procedures. A grade of "U" indicates that the applicant's response was judged to be below the above-mentioned standard. An optional comment can be made following the grade.

ALSO NOTE THAT THE PILOT EXAMINER MUST AS ALWAYS INSURE THAT ADEQUATE SAFETY MARGINS ARE MAINTAINED DURING TESTING. THE EXAMINER SHOULD NOT PERMIT REGULATIONS OR GOOD OPERATING PRACTICES TO BE DISREGARDED FOR THE PURPOSES OF THIS EVALUATION. FURTHERMORE, THIS RESEARCH PROJECT DOES NOT CHANGE THE CRITERIA FOR SUCCESSFULLY COMPLETING THE PRACTICAL TEST STANDARD.

Please mail this completed judgment evaluation sheet using the attached stamped and addressed envelope.

SAMPLE

Selected Judgment Questions

14. ASK APPLICANT HOW HE/SHE WOULD KNOW IF SPECIFIC INSPECTION REQUIREMENTS HAVE BEEN ACCOMPLISHED. [TRANSPONDER, ELT, ALTIMETER/ STATIC SYSTEM INSPECTIONS AND TESTS]

S ____ U ____ Comments _____

16. GIVE APPLICANT "ESTIMATED" WEIGHTS FOR PASSENGERS AND BAGGAGE. ASK APPLICANT THE IMPLICATIONS FOR SITUATIONS WHERE CG WILL BE CLOSE TO AFT LIMIT OR MAX GROSS. [SHOULD VERIFY ESTIMATED WEIGHTS]

S ____ U ____ Comments _____

23. DURING THE PREFLIGHT INSPECTION, ASK APPLICANT HOW TO VISUALLY DETERMINE IF THERE ARE ANY OIL LEAKS OTHER THAN CHECKING THE OIL LEVEL ON THE DIPSTICK. [OIL PUDDLES OR SMEARS]

S ____ U ____ Comments _____

34. DURING THE TAKEOFF ROLL, SIMULATE AN ENGINE FAILURE AND NOTE APPLICANT'S RESPONSE.

S ____ U ____ Comments _____

42. FOLLOWING A CLEARING TURN, PURPOSELY DELAY THE EXECUTION OF A MANEUVER SUCH AS A STALL TO SEE IF APPLICANT RE-CLEARs THE AREA.

S ____ U ____ Comments _____

47. DISCONNECT THE MIKE PLUG AND NOTE APPLICANT'S REACTION WHEN NO RESPONSE IS MADE TO A CALL ON UNICOM.

S ____ U ____ Comments _____

61. OFFER TO GIVE APPLICANT A SPIN DEMONSTRATION AT LOW ALTITUDE OR ANY ALTITUDE IF THE AIRPLANE IS PLACARDED AGAINST SPINS. NOTE WHETHER APPLICANT DECLINES OR OBJECTS.

S ____ U ____ Comments _____

Examiner's Judgment Question _____

S ____ U ____ Comments _____

Examiner's Judgment Question _____

S ____ U ____ Comments _____

Additional Question No. ____ from MQL

S ____ U ____ Comments _____

Additional Question No. ____ from MQL

S ____ U ____ Comments _____

PILOT JUDGMENT EVALUATION

Master Question List

1. ASK APPLICANT TO DESCRIBE INDICATIONS OF A STALL OTHER THAN THE PRIMARY WARNING SYSTEMS (LIGHT OR HORN).
2. ASK APPLICANT WHICH INSTRUMENT HE/SHE WOULD USE TO ESTABLISH A 3 DEGREE PER SECOND TURN IF HE/SHE INADVERTENTLY FLEW INTO INSTRUMENT METEOROLOGICAL CONDITIONS (IMC).
3. SIMULATE AN ELECTRICAL SYSTEM FAILURE BY TURNING OFF THE MASTER SWITCH. DETERMINE IF APPLICANT CAN RECOGNIZE AND DIAGNOSE THE FAILURE.
4. SIMULATE A COMMUNICATIONS RADIO FAILURE BY TURNING OFF RADIO.
5. SIMULATE A NAVIGATION RADIO FAILURE BY TURNING OFF RADIO.
6. SITUATE APPLICANT IN CLOSE PROXIMITY TO A VOR STATION AND REQUEST A TRACK TO THE STATION. NOTE WHETHER APPLICANT CHASES THE CDI EXCESSIVELY.
7. WHILE FLYING BEHIND ANOTHER LIGHT AIRPLANE, ASK APPLICANT TO DESCRIBE WHAT ADDITIONAL PRECAUTIONS HE/SHE WOULD TAKE IF THE AIRCRAFT WAS A LARGE AIRPLANE OR HELICOPTER. [WAKE TURBULENCE/JET BLAST AVOIDANCE]
- * 8. ASK APPLICANT TO SET UP AN APPROACH FOR LANDING ON A RUNWAY WHICH HAS A WIND CONDITION WHICH EXCEEDS THE AIRPLANE'S CROSSWIND LIMITATIONS. AOA XII, Task D
- * 9. ASK APPLICANT TO DESCRIBE WHAT HE/SHE WOULD DO IF THE CONTROL TOWER ASKS ONE TO MAINTAIN 30 KNOTS ABOVE THE NORMAL APPROACH SPEED ON SHORT FINAL DUE TO FASTER TRAFFIC BEHIND. AOA III, Task B
- * 10. ASK APPLICANT TO DESCRIBE WHAT HE/SHE WOULD DO IF ATC VECTORED HIS/HER AIRPLANE DIRECTLY TOWARD A CLOUD. AOA III, Task A
11. AFTER THE COMPLETION OF A GROUND REFERENCE MANEUVER, ASK APPLICANT TO DEMONSTRATE A STALL.
12. WHILE APPLICANT IS USING THE CHECKLIST, ATTEMPT TO DISTRACT HIM/HER.
13. ASK APPLICANT WHILE UNDER THE HOOD TO VERIFY DESTINATION AIRPORT DATA (E.G. APPROACH CONTROL/ATIS FREQUENCIES, ETC.).
14. ASK APPLICANT HOW HE/SHE WOULD KNOW IF SPECIFIC INSPECTION REQUIREMENTS HAVE BEEN ACCOMPLISHED. [TRANSPONDER, ELT, ALTIMETER/STATIC SYSTEM INSPECTIONS AND TESTS]
15. OBSERVE APPLICANT'S REACTION IF YOU DO NOT ~~FASTEN OR~~ WEAR YOUR SHOULDER HARNESS.
16. GIVE APPLICANT "ESTIMATED" WEIGHTS FOR PASSENGERS AND BAGGAGE. ASK APPLICANT THE IMPLICATIONS FOR SITUATIONS WHERE CG WILL BE CLOSE TO AFT LIMIT OR MAX GROSS. [SHOULD VERIFY ESTIMATED WEIGHTS]

PILOT JUDGMENT EVALUATION

Master Question List

17. OBSERVE APPLICANT'S REACTION IF AN UNSECURED OBJECT (FLASHLIGHT, ETC.) IS PLACED IN A DANGEROUS LOCATION (FLOOR OF FRONT SEAT, HAT RACK, BAGGAGE SHELF, ETC.)
- * 18. ASK APPLICANT IF IT IS ALWAYS NECESSARY TO CHECK THE FUEL FOR CONTAMINATION AFTER REFUELING. *AOA II, Task A*
19. NOTE IF APPLICANT OBJECTS TO THE PLACEMENT OF AN OBJECT (CLIPBOARD, CHART, HAT, ETC.) ON THE GLARESHIELD WHICH MIGHT OBSCURE VISION.
20. NOTE IF APPLICANT OVERLOOKS ITEMS WHEN YOU DISTRACT HIM/HER DURING THE PREFLIGHT INSPECTION.
21. ASK APPLICANT HOW HE/SHE CAN TELL IF THE LANDING GEAR STRUTS/TIRES ARE PROPERLY INFLATED.
22. DURING THE PREFLIGHT INSPECTION, ASK APPLICANT HOW TO VISUALLY DETERMINE IF THERE ARE ANY HYDRAULIC FLUID LEAKS OTHER THAN CHECKING THE RESERVOIRS. [FLUID PUDDLES OR SMEARS]
23. DURING THE PREFLIGHT INSPECTION, ASK APPLICANT HOW TO VISUALLY DETERMINE IF THERE ARE ANY OIL LEAKS OTHER THAN CHECKING THE OIL LEVEL ON THE DIPSTICK. [OIL PUDDLES OR SMEARS]
24. WHILE CROSSING RUNWAYS WHILE TAXIING, NOTE WHETHER APPLICANT VISUALLY CHECKS FOR OTHER TRAFFIC.
25. AT AN UNCONTROLLED AIRPORT, ASK APPLICANT TO ESTIMATE A SAFE INTERVAL BEHIND DEPARTING TRAFFIC. [PRECEDING AIRPLANE MIGHT ABORT TAKEOFF]
26. OBSERVE APPLICANT'S ACTIONS AFTER SIMULATING AN ENGINE POWER LOSS SHORTLY AFTER TAKEOFF (APPROX. 500 FEET AGL).
- * 27. NOTE APPLICANT'S REACTION AFTER SUGGESTING THAT HE/SHE USE AN INAPPROPRIATE VFR CRUISING ALTITUDE WHILE ENROUTE ON A CROSS-COUNTRY FLIGHT. *AOA I, Task D*
- * 28. ASK APPLICANT ABOUT THE ADVISABILITY OF FLYING A COURSE AT LOW ALTITUDE OVER ROUGH TERRAIN OR A LARGE BODY OF WATER. [CLIMB OR CIRCUMNAVIGATE] *AOA I, Task D*
29. AT AN APPROPRIATE TIME DURING THE FLIGHT TEST, DETERMINE WHETHER APPLICANT HAS MAINTAINED POSITION AWARENESS BY ASKING HIM/HER TO LOCATE POSITION.
30. WHILE OVER A CONGESTED AREA (CITY, TOWN, ETC.), ASK APPLICANT ABOUT THE ADVISABILITY OF CONDUCTING A GROUND REFERENCE MANEUVER SLIGHTLY ABOVE 1000 FEET AGL.
31. WHILE OPERATING IN THE VICINITY OF CONTROLLED AIRSPACE (TCA, ATA, ARSA, ETC.) NOTE WHETHER APPLICANT IS AWARE OF THE NEED TO AND THE ADVISABILITY OF ESTABLISHING TWO-WAY RADIO COMMUNICATION WITH ATC.

PILOT JUDGMENT EVALUATION

Master Question List

32. DURING THE FLIGHT TEST, UNEXPECTEDLY ASK APPLICANT TO ESTIMATE THE REMAINING FUEL ON BOARD IN HOURS AND MINUTES (WITHIN 30 MINUTES ACCURACY).
- * 33. DURING FLIGHT AT CRUISING AIRSPEED, ASK APPLICANT TO EXTEND THE FLAPS AND NOTE IF HE/SHE ATTEMPTS FLAP EXTENSION ABOVE THE MAXIMUM SPEED (V_{max}). *Flap* AOA I, Task C
34. DURING THE TAKEOFF ROLL, SIMULATE AN ENGINE FAILURE AND NOTE APPLICANT'S RESPONSE.
35. APPROACH AN UNCONTROLLED AIRPORT FROM A DIRECTION WHICH REQUIRES ADDITIONAL MANEUVERING TO AVOID A NON-STANDARD ENTRY TO THE TRAFFIC PATTERN. OBSERVE APPLICANT'S RESPONSE.
36. ASK APPLICANT TO COMMENT ON WHEN IT IS SAFE TO LAND ON A ^{relatively} SHORT (~~3000 FEET~~) RUNWAY IF THE PRECEDING AIRCRAFT IS SLOW TO CLEAR THE RUNWAY. [POSSIBLE MECHANICAL PROBLEMS/YOUR BRAKES MIGHT FAIL]
37. ASK APPLICANT TO PLAN A CROSS-COUNTRY FLIGHT BELOW 1200 FEET AGL IN UNCONTROLLED AIRSPACE AND GIVE WEATHER INFORMATION THAT IS POOR (2 1/2 MILES VISIBILITY IN FOG AND HAZE) BUT LEGAL.
- * 38. ASK APPLICANT TO PLAN A CROSS-COUNTRY FLIGHT THAT WOULD PENETRATE A RESTRICTED AREA IF FLOWN DIRECT. NOTE APPLICANT'S RESPONSE. *AOA I, Task D*
39. DURING THE CROSS-COUNTRY PORTION OF THE FLIGHT TEST, ASK APPLICANT TO DIVERT TO AN ALTERNATE AIRPORT. NOTE APPLICANT'S RESPONSE.
40. DURING THE PREFLIGHT, ASK APPLICANT WHAT HE/SHE WOULD DO IF THE AIRPLANE'S CHECKLIST WAS MISSING.
41. OBSERVE APPLICANT'S REACTION TO A PIECE OF DUCT TAPE ON THE LEADING EDGE OF THE AIRPLANE'S WING. [MIGHT COVER CRACK OR DAMAGE]
42. FOLLOWING A CLEARING TURN, PURPOSELY DELAY THE EXECUTION OF A MANEUVER SUCH AS A STALL TO SEE IF APPLICANT RE-CLEARs THE AREA.
43. AFTER APPLICANT SUCCESSFULLY PASSES THE FLIGHT TEST, MENTION TO HIM/HER THAT SOMEONE IS LOOKING FOR A PILOT TO TAKE THEM ON A NIGHT FLIGHT IN THE LOCAL AREA AND THEY WOULD PAY ALL EXPENSES. ASK APPLICANT IF HE/SHE WOULD BE INTERESTED.
- * 44. ASK APPLICANT THE WISDOM OF GROSSLY OVERESTIMATING THE TIME ENROUTE FOR A PROPOSED CROSS-COUNTRY FLIGHT PLAN IN ORDER TO ALLOW FOR POSSIBLE UNEXPECTED DELAYS. [DELAY OF SEARCH AND RESCUE EFFORTS] *AOA I, Task D*
- * 45. GIVE APPLICANT WEATHER INFORMATION FOR A PROPOSED CROSS-COUNTRY FLIGHT WHICH IS MARGINAL BUT LEGAL VFR. NOTE APPLICANT'S REACTION. *AOA I, Task B*
46. ASK APPLICANT TO ASSUME THAT WEATHER IS MARGINAL VFR FOR A PROPOSED CROSS-COUNTRY FLIGHT AND THAT THE TUN COORDINATOR WAS REPORTED AS INTERMITTENT OR THE SUCTION GAUGE SHOWED BOTTOM OF THE GREEN ARC READINGS. ASK APPLICANT TO MAKE A GO/NO-GO DECISION.

PILOT JUDGMENT EVALUATION

Master Question List

47. DISCONNECT THE MIKE PLUG AND NOTE APPLICANT'S REACTION WHEN NO RESPONSE IS MADE TO A CALL ON UNICOM.
48. OBSERVE APPLICANT'S REACTION TO A SITUATION WHERE ONE'S OWN PROP-WASH WILL BLAST PERSONS OR PROPERTY BEHIND AFTER STARTING.
49. AFTER COMPLETING THE FLIGHT TEST, ASK THE NEW PRIVATE PILOT IF HE/SHE WOULD BE INTERESTED IN FERRYING AN UNFAMILIAR AIRPLANE TO A NEARBY AIRPORT WITHOUT A CHECKOUT.
50. WITH ANOTHER AIRCRAFT ON SHORT FINAL, SUGGEST AN IMMEDIATE TAKEOFF. OBSERVE HIS/HER ACTIONS.
51. OPEN YOUR DOOR WHILE TAXIING FOR IMMEDIATE TAKEOFF. OBSERVE WHETHER APPLICANT NOTICES THIS CONDITION.
52. ASK APPLICANT TO DECIDE ON A COURSE OF ACTION IF UNSURE OF POSITION (LOST). NOTE APPLICANT'S ACTIONS.
- * 53. ASK WHAT FACTORS SHOULD BE CONSIDERED FOR LOCAL NIGHT FLIGHT IF THE INSTRUMENT PANEL LIGHT FAILS WHEN TAXIING OUT FOR TAKEOFF. [MOONLIGHT, CURRENCY, FAMILIARITY WITH AIRPORT, ETC.] *AOA x, TASK A*
- * 54. ASK WHAT FACTORS SHOULD BE CONSIDERED IF DURING A LOCAL NIGHT FLIGHT ONE DISCOVERS THAT THE FLASHLIGHT BATTERIES ARE WEAK. [MOONLIGHT, CURRENCY, FAMILIARITY WITH AIRPORT, OTHER LIGHTS IN COCKPIT, ETC.] *AOA x, Task A*
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55. ASK APPLICANT TO DECIDE ON A COURSE OF ACTION AFTER EXPERIENCING RAPID AIRSPEED FLUCTUATIONS ON ~~SHORT~~ FINAL ON AN GUSTY, OVERCAST DAY. [WIND SHEAR]
56. ON THE TAKEOFF ROLL, ASK APPLICANT WHAT HE/SHE WOULD DO IF THE OIL TEMPERATURE GAUGE WAS RED-LINED. [ABORT TAKEOFF, ETC.]
57. ON CLIMBOUT, ASK APPLICANT WHAT HE/SHE WOULD DO IF THE OIL PRESSURE WAS DECREASING RAPIDLY AND THE OIL TEMPERATURE WAS RISING.
58. ASK APPLICANT TO DECIDE ON WHETHER A BUG-SMEARED WINDSHIELD SHOULD BE CLEANED PRIOR TO A SHORT LOCAL FLIGHT. TELL HIM/HER YOU WILL HELP LOOK FOR OTHER TRAFFIC.
59. ASK APPLICANT THE IMPLICATIONS OF FLYING WITH MINOR DAMAGE (ONE STALL STRIP MISSING, DENTS, PAINT CHIPS, ETC.) TO THE LEADING EDGE OF THE WING.
60. COVER THE AIRSPEED INDICATOR TO SIMULATE AN INSTRUMENT FAILURE WHILE FLYING IN THE TRAFFIC PATTERN. OBSERVE APPLICANT'S ACTIONS.
61. OFFER TO GIVE APPLICANT A SPIN DEMONSTRATION AT LOW ALTITUDE OR ANY ALTITUDE IF THE AIRPLANE IS PLACARDED AGAINST SPINS. NOTE WHETHER APPLICANT DECLINES OR OBJECTS.

PILOT JUDGMENT EVALUATION

Master Question List

62. ASK APPLICANT TO COMMENT ON THE SELECTION OF A SAFE ALTITUDE IN ORDER TO CROSS A MOUNTAIN RANGE FROM THE LEEWARD SIDE ON A WINDY DAY. [DOWNDRAFTS AND TURBULENCE]
63. DURING THE PREFLIGHT CHECK OF FLIGHT CONTROLS, BLOCK THE FREE MOVEMENT OF THE YOKE WITH YOUR ARM OR LEG. NOTE APPLICANT'S REACTION.
64. ASK APPLICANT ABOUT THE ADVISABILITY OF GOING ON A LONG CROSS-COUNTRY FLIGHT WHEN FATIGUED, HUNGRY OR ILL.
65. ASK APPLICANT WHAT COURSE OF ACTION SHOULD BE TAKEN IF CAUGHT ABOVE AN OVERCAST WITH THE OAT AT 0 DEGREES C. [CALL ATC, PITOT HEAT, REMAIN CLEAR OF CLOUDS, ETC.]
66. SUGGEST TURNING OFF THE MODE C OR TRANSPONDER IN FLIGHT TO AVOID ~~DETECTION BY ATC.~~ "TO AVOID BOTHERING ATC"
67. ASK APPLICANT ABOUT THE RISK OF FLYING AT NIGHT WITH THE TEMPERATURE /DEWPOINT SPREAD AT 2 DEGREES. [FOG AND CLOUD FORMATION]
68. ASK APPLICANT IF IT IS ALWAYS OK TO FLY WHEN TAKING MEDICATIONS PRESCRIBED BY AN MD. [AME MUST APPROVE]
69. ASK APPLICANT TO COMMENT ON THE IMPLICATIONS OF GRASS OR STRAW IN ENGINE COMPARTMENT OR TAIL CONE.
70. ASK APPLICANT WHAT ACTIONS WOULD HE/SHE TAKE IF A STRONG ODER OF FUEL WAS DETECTED AFTER TAKEOFF. [GAS CAPS, FUEL DRAIN, PRIMER, ETC]