

Civil Aviation Authority of Singapore

INSTRUMENT RATING TEST – MULTI-ENGINE AEROPLANE

Name of candidate :		Type of Licence held :		Licence No :
Organisation :		Aircraft Registration or Simulator Ref. ⁺ :		Type of Aircraft or simulator :
Airway Routes (Aircraft only) : Airports used :				Use of FMS/Auto-pilot ** : YES / NO *
Date of Test :	Time of Departure :		Time of Arrival :	Duration :

PART I – PRE-FLIGHT, TAKE-OFF AND CLIMB	PASS	REPEAT	FAIL	REMARKS
Preparation and planning for the flight (Aircraft only)				
External checks (Aircraft only)				
FMS set-up (if applicable)				
Instrument and Radio Checks				
Instrument and Radio Checks whilst taxying				
Pre take-off checks				
Take-off performance				
Initial climb				
After take-off checks				
Conforming to clearance and/or SID **				
Basic IF				
Liaison with ATC				
Altimeter setting				
Use of de-icing equipment				

PART II – AIRWAYS AND HOLDING PROCEDURES	PASS	REPEAT	FAIL	REMARKS
Identification of facilities				
Interception and holding tracks to and from NDB/VOR **				
Racetrack holding pattern and appropriate entry **				
Altimeter setting				
Conforming to clearance **				
Basic IF				
Liaison with ATC				
Use of de-icing equipment				

PART III A – NDB / VOR / RNAV * APPROACH	PASS	REPEAT	FAIL	REMARKS
Identification of facilities				
Approach checks				
Intermediate procedure (Missed Approach altitude set)				
Landing checks				
Altimeter setting				
NDB/VOR/RNAV approach path to MDA and final alignment				
Action at MDA				
Power adjustment				
Conforming to clearance **				
Liaison with ATC				
Use of de-icing equipment				

PART III B – ILS APPROACH	PASS	REPEAT	FAIL	REMARKS
Identification of facilities				
Approach checks				
Intermediate procedure (Missed Approach altitude set)				
Landing checks				
Altimeter setting				
ILS approach path to Decision Altitude and final alignment				
Action at Decision Altitude				
Power adjustment				
Conforming to clearance **				
Liaison with ATC				
Use of de-icing equipment				

PART IV – MISSED APPROACH PROCEDURE	PASS	REPEAT	FAIL	REMARKS
Power adjustment				
Initial climb				
Go-around checks				
Transition to "clean" climb				
Climbing at recommended power and speed **				
Basic IF				
Conforming to clearance **				
Liaison with ATC				

PART V – ASYMMETRIC POWER (ILS APPROACH ONLY)	PASS	REPEAT	FAIL	REMARKS
Engine fail after V1 (simulator only) or before ILS approach (aircraft only)				
YAW control				
Engine failed ILS approach to Decision Altitude				
Engine failed go-around				
Airspeed control				
Initial climb gradient				
Trimming and ancillaries				
Straight climb or turns at recommended SE/critical engine failed speed **				
Basic IF				

TURBULENCE FACTOR : * NIL / SLIGHT / MODERATE / SEVERE

RESULT OF THE TEST : * PASSED / FAILED / INCOMPLETE

ATTEMPT NO	:	
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EXAMINER'S REMARKS AND RECOMMENDATIONS:

EXAMINER'S NAME :

SIGNATURE & DATE :

AUTHORISATION NO.

NOTES

- 1. One repeat per item is allowed. Maximum 5 repeats per test.
- 2. A failure of one or more items per Part is a failure for that Part.

A failure of one Part will require a retest in that Part only.
A failure of two or more Parts will require a complete retest (Part IIIA and IIIB are separate Parts).

 ^{*} Delete as applicable
** Rating will be restricted to Aircraft Type only if FMS/Auto-pilot was used during the Test
* Enter Simulator Qualification or ID