



TANZANIA CIVIL AVIATION AUTHORITY
DIRECTORATE OF SAFETY REGULATIONS
PERSONNEL LICENSING

Revision: 4

Form

Document No.:
TCAA-FRM-SR-PEL09D

Title: **Skill Test For Initial or Renewal of Instrument Rating**

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SN	Preliminary Information:		
1	Name of Applicant:	Test Date:	
2	Address of Applicant:		
3	Number of the attempt:		
4	Type of Licence held:	License Number:	
5	Medical validity:	ELP Validity	
6	Aircraft Registration:	Type of Aircraft:	
7	Name of Employer:		
8	Departure Aerodrome:	Arrival Aerodrome:	
9	Name of Examiner:	Examiner's Licence Type	Examiner's Licence Number
10	Examiner signature:	DFE No.	

Test Summary:

Test by Parts*	Date Conducted	Aircraft/Simulator		Chock to chock times			Results
		Type	Reg.	Dep	Arr.	Durtn	
I							
II							
III							
IIIA							
IIIB							

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IIIC							
IIID							
III D (*)							
IIIE							
IIIF							

KEY: S = Requirement met, U = Requirement not met N/A = Not Applicable

PART I. PRE-FLIGHT, TAKE-OFF AND CLIMB

S/N	ITEM	S	U	N/A
1.	Use of flight Manual (or equivalent) especially a/c performance calculation, mass and balance			
2.	Use of Air Traffic Services document, weather document			
3.	Preparation of ATC flight plan, IFR flight plan/log			
4.	Identification of the required nav aids for departure, arrival and approach procedures.			
5.	Preflight inspection			
6.	Instruments/Radio checked and set			
7.	Taxing			
8.	Instrument/Radio Checks whilst taxing			
9.	PBN departure: Check that the correct procedure has been loaded in the navigation system; and			
10.	PBN departure: Cross check between the navigation system display and the departure chart			
11.	Pre-take off briefing, checks, take off.			
12.	Heading control, unstuck, initial climb			
13.	After take-off checks (c)			
14.	Transition to Instrument Flight			
15.	Climbing at rec. power and speed			
16.	Conforming to clearance: Tracks/Heights			
17.	Instrument departure procedures, including PBN departure and altimeter setting.			
18.	Liaison with A.T.C, R/T Procedures			
19.	Use of de-icing equipment			



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RESULT	PASS	FAIL
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PART II. ASYMMETRIC POWER

S/N	ITEM	S	U	N/A
1.	Yaw control cut at max. Climb.			
2.	Airspeed critical speed.			
3.	Trimming & ancillaries.			
4.	Straight climb at rec. s.e speed.			
5.	Climbing turns at s.e speed			
6.	Straight /level at rec.s.e. speed			
			PASS	FAIL

PART III: GENERAL HANDLING (*)

S/N	ITEM	S	U	N/A
1.	Limited panel: stabilized climb or descent, level turns at Rate 1 onto given headings, recovery from unusual attitudes. – only applicable to aeroplanes			
2.	Control of the aeroplane by reference solely to instruments, including: level flight at various speeds, trim			
3.	Climbing and descending turns with sustained Rate 1 turn			
4.	Recoveries from unusual attitudes, including sustained 45° bank turns and steep descending turns			
5.	(*) Recovery from approach to stall in level flight, climbing/ descending turns and in landing configuration			

RESULT	PASS	FAIL
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PART IIIA. AIRWAYS PROCEDURE

S/N	ITEM	S	U	N/A
1.	Tracking, including interception, e.g. NDB, VOR, or track between waypoints			
2.	Use of navigation system and radio aids			
3.	Level flight, control of heading, altitude and airspeed, power setting, trim technique			
4.	Altimeter settings			
5.	Timing and revision of ETAs (en-route hold, if required)			
6.	Monitoring of flight progress, flight log, fuel usage, systems' management			
7.	Ice protection procedures, simulated if necessary			
8.	ATC liaison-compliance, R/T procedures			

RESULT	PASS	FAIL
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PART IIIB I.L.S. AND MISSED APPROACH PROCEDURE



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S/N	ITEM	S	U	N/A
1.	Identification of Facilities			
2.	Racetrack holding pattern (Note ii)			
3.	Approach Checks (c)			
4.	Intermediate Procedure			
5.	Landing Checks (c)			
6.	Altimeter setting			
7.	Approach path to Critical Height			
8.	Action at Critical Height			
9.	Power Adjustment			
10.	Initial Climb			
11.	Overshoot checks (c)			
12.	Transition to "clean" climb			
13.	Climbing at rec. power and speed			
14.	Conforming to clearance: Track/Heights			
15.	Basic I/F			
16.	Liaison with A.T.C.			
17.	Use of de-icing equipment			
RESULT		PASS	FAIL	

PART IIIC V.O.R. AND MISSED APPROACH PROCEDURE

S/N	ITEM	S	U	N/A
1.	Let-down clearance			
2.	Identification of Facility			
3.	Altimeter settings			
4.	Check of Heading Indicator			
5.	Approach Checks (c)			
6.	Intermediate procedure			
7.	Landing Checks (s)			
8.	Final alignment			
9.	Final descent to Critical Height			
10.	Action at Critical Height			
11.	Power adjustment			
12.	Initial climb			
13.	Overshoot checks (c)			
14.	Transition to "clean" climb			
15.	Climbing at rec. power and speed			
16.	Conforming to clearance: Tracks/Heights			
17.	Basic I/F			
18.	Liaison with A.T.C.			
19.	Use of de-icing equipment			

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RESULT		PASS	FAIL	
PART III D (*) 2D OPERATIONS (++)				
S/N	ITEM	S	U	N/A
1.	Setting and checking of navigational aids For RNP APCH: Check that the correct procedure has been loaded in the navigation system; and Cross check between the navigation system display and the approach chart			
2.	Approach and landing briefing, including descent/ approach/ landing checks, including identification of facilities			
3.	(+) Holding procedure			
4.	Compliance with published approach procedure			
5.	Approach timing			
6.	Altitude/distance to MAPT, speed, heading control (stabilised approach), step down fixes (SDF(s)), if applicable			
7.	(+) Go-around action			
8.	(+) Missed approach procedure/landing			
9.	(+) ATC liaison-compliance, R/T procédures			
RESULT		PASS	FAIL	


PART III E (*) 3D OPERATIONS (++)				
S/N	ITEM	S	U	N/A
1.	Setting and checking of navigational aids Check Vertical Path angle For RNP APCH: -Check that the correct procedure has been loaded in the navigation system; and -Cross check between the navigation system display and the approach chart.			
2.	Approach and landing briefing, including descent/ approach/ landing checks, including identification of facilities.			
3.	(+) Holding procedure			
4.	Compliance with published approach procedure			
5.	Approach timing			
6.	Altitude, speed, heading control (stabilised approach)			
7.	(+) Go-around action			
8.	(+) Missed approach procedure/ landing			
9.	ATC liaison-compliance, R/T procédures			
			PASS	FAIL

PART III F (*) 3D FLIGHT WITH ONE ENGINE INOPERATIVE (MULTI-ENGINE AEROPLANES ONLY) (°)				
S/N	ITEM	S	U	N/A
1.	Simulated engine failure after take-off or on go-around			
2.	Approach, go-around and procedural missed approach with one engine inoperative.			

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3.	Approach and landing with one engine inoperative			
4.	ATC liaison-compliance, R/T procedures			
RESULT			PASS	FAIL
Application of TEM		PASS	FAIL	
ROUTE AND AIRFIELD				
RESULT	PASS/FAIL			

<u>EXAMINER'S REMARKS AND RECOMMENDATIONS:</u>	
Name of Examiner	DFE No.
Signature	
Date	

IMPORTANT NOTICE:

- i. A failure in PART IIIA only, will require a retest in that part together with PART IIIB or IIIC or IIID.
- ii. A failure in PARTS IIIB, IIIC will require a retest in that or those parts together with PART IIIA.
- iii. A candidate against whom a failure is recorded in more than one complete part must take the whole test again.
- iv. More than two unsatisfactory items in one part, will constitute overall failure in that part provided is not critical failure items.
- v. (°) Must be performed by sole reference to instruments.
- vi. (*) May be performed in an FFS, FTD 2/3 or FNPT II.
- vii. (+) May be performed in either section 4 or section 5.
- viii. (°) Must be performed by sole reference to instruments.
 - ix. (++) To establish or maintain PBN privileges one approach in either Section 4 or Section 5 shall be an RNP APCH. Where an RNP APCH is not practicable, it shall be performed in an appropriately equipped FSTD.