



Aviation Civile de Madagascar

**FORMULAIRE DE COMPTE RENDU DES
EPREUVES PRATIQUE INSTRUCTEUR EN
VOL**

INITIAL SKILLS TEST OR REVALIDATION CHECK
REPORT FOR FLIGHT INSTRUCTOR RATING
REF: FORM-ACM/ DSE/PEL-051

Edition : 01
Amendement : 00
Date : 15/09/2020
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Type of test:	Initial skills test		Competency check		Renewal	
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Details of Candidate			
Surname		First name	
Licence Number		Phone number	

Experiences		
DUAL	PIC	TOTAL

Test/check details 1st attempt										date :	
Aircraft variant	Class:				Type:			Reg:			
Detail of the flight	Departure:				Destination:			Block-on:		Block-off:	
Landings:	Briefing time		Flight time		FSTD time		De-brief time		Outcome	*S	*U
Remarks											

Test/check details 1st attempt										date :	
Aircraft variant	Class:				Type:			Reg:			
Detail of the flight	Departure:				Destination:			Block-on:		Block-off:	
Landings:	Briefing time		Flight time		FSTD time		De-brief time		Outcome	*S	*U
Remarks											

***S= Satisfactorily U= Unsatisfactorily**

Note to the examiner and candidate

1. The candidate must demonstrate his ability to:
 - i. pilot the aircraft within its limitations;
 - ii. perform all maneuvers with flexibility and precision;
 - iii. exercise good judgment in the conduct of the flight;
 - iv. apply aeronautical knowledge; and
 - v. keep permanent control of the aircraft, so that the success of a procedure or maneuver is never in doubt.



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Tolerances			
Single engine		Multi-engine	
Height - normal flight - with simulated engine failure	± 100 pieds ± 150 pieds	Height - normal flight - with simulated engine failure	± 100 pieds ± 150 pieds
Climb	± 10 kt	Climb	± 10 kt
Course / alignment on radio aids - normal flight - with simulated engine failure	$\pm 10^\circ$ $\pm 15^\circ$	Course / alignment on radio aids - normal flight - with simulated engine failure	$\pm 10^\circ$ $\pm 15^\circ$
Speed - takeoff and approach knots - all other flight regimes	± 5 kt ± 10 kt	Speed - takeoff and approach knots - all other flight regimes	± 5 kt ± 10 kt



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Section 1: Ground evaluation									
Main briefing:									
Attempt	1 st attempt				2 nd attempt				
a	Knowledge of the subject	1	2	3	4	1	2	3	4
b	Lesson plan preparation and adherence (introduction, development and conclusion)	1	2	3	4	1	2	3	4
c	Teaching ability (method of conveying knowledge, effective communication)	1	2	3	4	1	2	3	4
d	Student involvement and knowledge evaluation	1	2	3	4	1	2	3	4
e	Effective use of media and instructional aids	1	2	3	4	1	2	3	4
Knowledge and Practical application of:									
f	Civil Aviation Regulations	1	2	3	4	1	2	3	4
g	Principles of Flight	1	2	3	4	1	2	3	4
h	Aircraft used for the test	1	2	3	4	1	2	3	4
i	Theory of instruction / instructor responsibilities and professionalism / risk management	1	2	3	4	1	2	3	4
j	Air exercise briefing	1	2	3	4	1	2	3	4
Section 2: Pre-flight Action and Ground Handling									
Attempt	1 st attempt				2 nd attempt				
a	Pre-flight inspection	1	2	3	4	1	2	3	4
b	Procedure before start, after start pre take-off procedures	1	2	3	4	1	2	3	4
c	Hover taxi, aerodrome procedure and runway crossing clearance awareness	1	2	3	4	1	2	3	4
Section 3: Take-off Advanced Manoeuvres									
Attempt	1 st attempt				2 nd attempt				
a	Take-offs (various profiles)	1	2	3	4	1	2	3	4
b	Take-off and landing,	1	2	3	4	1	2	3	4
e	manoeuvring	1	2	3	4	1	2	3	4
f	Crosswind, downwind take-off	1	2	3	4	1	2	3	4
Section 4: Demonstrate Flight Manoeuvres and Procedures									
Attempt	1 st attempt				2 nd attempt				
a	A primary effect of controls	1	2	3	4	1	2	3	4
b	Secondary effect of controls	1	2	3	4	1	2	3	4
c	Straight and level flight	1	2	3	4	1	2	3	4
d	Medium turns	1	2	3	4	1	2	3	4
e	Climbing & Descending (various configurations)	1	2	3	4	1	2	3	4
f	Recovery from a spiral dive	1	2	3	4	1	2	3	4
g	Steep turns	1	2	3	4	1	2	3	4
Section 5: Determination of Vne for a given Configuration									
Attempt	1 st attempt				2 nd attempt				
a	Method of determining V _{NE}	1	2	3	4	1	2	3	4
Section 6: Forced landing									
Attempt	1 st attempt				2 nd attempt				
a	Action after engine failure	1	2	3	4	1	2	3	4
b	Choice of airfield	1	2	3	4	1	2	3	4
c	Planning descent profile	1	2	3	4	1	2	3	4
d	Control of speed, and Rate of Descent	1	2	3	4	1	2	3	4



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Section 7: Low Flying									
Attempt	1 st attempt				2 nd attempt				
a	Control of height, direction, speed and attitude								
b	Effect of wind								
c	Effect of inertia and speed								
d									
Section 8: Confined Area Landing Procedures									
Attempt	1 st attempt				2 nd attempt				
a	Inspection procedure and technique								
b	Control of height, direction, speed, attitude and Rate of Descent								
c	Power and control authority assessment								
d	Control of approach								
e	Maneuvering and landing								
f	Control of departure								
Section 9: Approach and Landing Procedures									
Attempt	1 st attempt				2 nd attempt				
a	Aerodrome arrival procedures, altimeter setting,								
b	Approaches (various profiles)								
c	Limited power landing								
d	Sloping ground/unprepared sites landings								
e	ATC liaison - compliance, R/T procedures								
f	Actions after flight – parking, completion of paperwork etc.								
Section 10: Abnormal and Emergency Procedures									
Note (1) Where the test is conducted on a multi-engine a simulated engine failure drill, including a single engine approach and landing shall be included in the test.(Section 8)									
Note (2) The FE shall simulate failures where appropriate									
Note (3) The FE shall select 2 non-mandatory items from the following:									
Attempt	1 st attempt				2 nd attempt				
a	Engine malfunctions, including governor failure, carburettor/engine icing, oil system, as appropriate								
b	Fuel system malfunction								
c	Hydraulic system malfunction, including approach and landing without hydraulics, as applicable								
d	Electrical system malfunction								
e	Fire drills, including smoke control and removal, as applicable								
f	Anti-torque system failure and/or malfunction								
g	Other abnormal and Emergency procedures as outlined in appropriate flight manual.								
Specify others:									
j									
k									
l									

