

**- 1<sup>ST</sup> FLY-OUT -**

Aircraft Configuration:					
Gross weight:		1890		CoG position:	
Flight Test Conditions:					
Departure:		Cruise:		Arrival:	
From:	ELCK	Altitude:	5000'	To:	ELWF
Time:	1700	Time:	1720	Time:	1740
T°:	+04	T°:	-01	T°:	+05
QNH:	1009	QNH:	1009	QNH:	1009
MT0:		MT0:	NIGHT	MT0:	
Facilities:	Rnp JOR ILS	Others:	NO ICE	Facilities:	ILS and NDB equipped

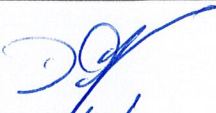
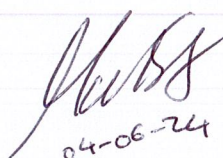
Item:	Flight Test Procedures:	Associated Tests:	✓
Preflight	Set the A/C on its parking position and perform a functions check of all switches, indicators, systems...	a.1.a	<input checked="" type="checkbox"/>
Pre Take-Off	Start the engine(s) according to AFM.	b.1.a	<input checked="" type="checkbox"/>
	During taxiing to the runway threshold, perform the following checks:		
	- Increase and decrease power to check reactions of thrust response and power lever friction,	b.3.a b.3.b	<input checked="" type="checkbox"/>
	- Turn right and left to check reactions of ground handling, - Apply symmetrical and asymmetrical braking action.	b.3.c b.3.e	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Take-Off	At threshold, with parking brakes on, apply take-off power and check engine parameters.	c.1.a	<input checked="" type="checkbox"/>
	Proceed to a take-off by releasing parking brakes and applying take-off power.	c.1.c	<input checked="" type="checkbox"/>
	During take-off ground roll, apply left and right rudder to check its action.	c.1.d	<input checked="" type="checkbox"/>
	After lift off, retracts flaps and landing gear.	c.1.h	<input checked="" type="checkbox"/>
Normal climb	Perform a normal climb according to AFM.	d.1	<input checked="" type="checkbox"/>
Cruise	Set the A/C in cruise configuration in a specified cruise power setting and check performance characteristics. Cruise to an ILS equipped airport.	e.1	<input checked="" type="checkbox"/>
	With/without speed brake/spoilers deployed, roll the A/C from right to left.	f.3	<input checked="" type="checkbox"/>
Holding pattern	Climb up to approx. 4000 ft and perform a holding pattern with the prescribed power setting.	l.2.a	<input checked="" type="checkbox"/>
Descent	Perform a normal 5% slope descent.	g.1	<input checked="" type="checkbox"/>



Approach	Perform an ILS approach (with the flight director if fitted and without) down to the Decision Altitude and then Go Around.	h.1.a h.1.b.A h.1.b.C	<input checked="" type="checkbox"/>
Cruise	Cruise to a NDB equipped airport.	-	-
Approach	Perform a NDB approach. During approach, set the power to idle.	h.2.a m.6.b	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Touch down	Following the touch down, apply brakes.	k.1.f	<input checked="" type="checkbox"/>
Engine shut down on stand	On stand, shut down the engines according to AFM and monitor engines parameters. Set the parking brake on.	l.3.a l.3.b	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

The following additional tests shall be performed at any flight phase:

Item:	Additional Tests Procedures:	Associated Tests:	✓
Visual system	Move the A/C along the tree axis and check that the visual motion is coherent with the flight controls operation and that view offered by the visual system corresponds to the operation of the controls.	m.6.a m.6.c	<input checked="" type="checkbox"/>
Functions	During the flight path execution, check the functioning of: - Communications and interphone if fitted, - The electrical system, - Fuel, oil, hydraulics and pneumatics systems, - Landing gear, - Engine parameters, - The functionality of navigation system operation (identification of morse codes, indications, GPS...).	l.1.d l.1.e l.1.h l.1.i l.1.k l.1.s	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Instructor station	During the flight path execution, check that the IOS enable the instructor to control the simulation. - Set the A/C to any place in the database, - Set the cloud base to an altitude close to that of the A/C (the altimeter must be able to confirm the cloud base altitude), - During night conditions, set the A/C at runway threshold with landing lights on and check the signage and runway markings, - The airport lightings are of the type of those of the airport, and that their intensity is dimmable.	m.9.b m.9.a m.4.f m.9.c	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sound system	Check that the sound system simulates the aerodynamic, gear, flaps, etc sounds in a realistic manner. Check that the sound system simulates the engine and propeller sounds in a realistic manner.	o.1.c o.1.f	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

<b>AUTHORITY'S APPROVAL</b> <b>(DATE, SIGNATURE &amp; COMMENTS)</b>	<b>OPERATOR'S APPROVAL</b> <b>(DATE, SIGNATURE &amp; COMMENTS)</b>
	 04/06/24   04-06-24



**- 2<sup>ND</sup> FLY-OUT -**

AIRCRAFT CONFIGURATION:					
Gross weight:		1900		CoG position:	
FLIGHT TEST CONDITIONS:					
Departure:		Cruise:		Arrival:	
From:	EINN	Altitude:	Medium <sup>1</sup>	To:	EIKY
Time:	1600	Time:	1615	Time:	Night
T°:	+09	T°:	+04	T°:	+09.
QNH:	1010	QNH:	1010	QNH:	1010
MT0:	Crosswind	MT0:	N/L	MT0:	Crosswind
Facilities:	ILS RNP VOR	Others:		Facilities:	ILS equipped

Item:	Flight Test Procedures:	Associated Tests:	✓
Preflight	Set the A/C at runway threshold and perform a functions check of all switches, indicators, systems...	a.1.a	<input checked="" type="checkbox"/>
Pre Take-Off	Start the engine(s) according to AFM.	b.1.a	<input checked="" type="checkbox"/>
Take-Off	From the IOS, set crosswind.		
	Proceed to a take-off with one notch of flaps and check for the wind effect at lift off. After lift off, retracts flaps and landing gear.	c.1.e c.1.h	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Normal climb	Start a normal climb according to AFM.	d.1	<input checked="" type="checkbox"/>
One engine inoperative climb	Continue to climb with one engine inoperative. Perform the procedure according to AFM.	d.2	<input checked="" type="checkbox"/>
Medium altitude handling	Set the A/C in cruise at medium altitude and maximum continuous power and check handling qualities.	e.5	<input checked="" type="checkbox"/>
Descent	Perform a normal 5% slope descent.	g.1	<input checked="" type="checkbox"/>
One engine inoperative approach	Perform a one engine inoperative ILS approach (with the flight director if fitted and without) down to the Decision Altitude and then Go Around.	h.1.b.D	<input checked="" type="checkbox"/>
One engine inoperative climb	Climb with one engine inoperative to perform a traffic pattern. Perform the procedure according to AFM.	d.2	<input checked="" type="checkbox"/>
One engine inoperative landing	Perform a manual one engine inoperative approach.	i.2	<input checked="" type="checkbox"/>
Missed approach one engine inoperative	Perform a standard go around with one engine inoperative.	j.2	<input checked="" type="checkbox"/>
Visual system (5km)	Perform a traffic pattern all engine operative. At 5km from runway threshold, set the A/C in approach	m.4.c m.4.d	<input checked="" type="checkbox"/>

<sup>1</sup> A medium altitude is an altitude high enough to perform safe manoeuvres.



	configuration and: - Check runway definition, strobe lights, runway edge white lights and visual approach and guidance lights, - Check runway centerline lights.		
Approach	Initially set a crosswind component from the instructor station and perform a visual normal approach and landing (with or without visual approach aid guidance).	i.4 i.1 l.4	<input checked="" type="checkbox"/>

The following additional tests shall be performed at any flight phase:

Item:	Additional Tests Procedures:	Associated Tests:	✓
Visual system	Move the A/C along the tree axis and check that the visual motion is coherent with the flight controls operation and that view offered by the visual system corresponds to the operation of the controls.	m.6.a m.6.c	<input checked="" type="checkbox"/>
Functions	During the flight path execution, check the functioning of: - Communications and interphone if fitted, - The electrical system, - Fuel, oil, hydraulics and pneumatics systems, <i>W/A</i> - Landing gear, - Engine parameters, - The functionality of navigation system operation (identification of morse codes, indications, GPS...).	l.1.d l.1.e l.1.h l.1.i l.1.k l.1.s	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Instructor station	During the flight path execution, check that the IOS enable the instructor to control the simulation. - Set the A/C to any place in the database, - Set the cloud base to an altitude close to that of the A/C (the altimeter must be able to confirm the cloud base altitude), - During night conditions, set the A/C at runway threshold with landing lights on and check the signage and runway markings, - The airport lightings are of the type of those of the airport, and that their intensity is dimmable.	m.9.b m.9.a m.4.f m.9.c	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sound system	Check that the sound system simulates the aerodynamic, gear, flaps, etc sounds in a realistic manner. Check that the sound system simulates the engine and propeller sounds in a realistic manner.	o.1.c o.1.f	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <i>SOUND CRASH SPEECH.</i>

<b>AUTHORITY'S approval</b> (Date, signature & comments)	<b>Operator's approval</b> (Date, signature & comments)
	<p><i>22/08/23.</i></p> <p><i>[Signature]</i> 22-8-23</p>



**- 3<sup>RD</sup> FLY-OUT -**

AIRCRAFT CONFIGURATION:					
Gross weight:		1900		CoG position:	
FLIGHT TEST CONDITIONS:					
Departure:		Cruise:		Arrival:	
From:	ENN	Altitude:	5000 ft below service ceiling	To:	ENK
Time:	2020	Time:	2040	Time:	Night
T°:	+02	T°:	1105	T°:	+01
QNH:	1021	QNH:	1032	QNH:	1022
MTO:	200 m RVR	MTO:	Icing conditions	MTO:	CAT II
Facilities:	ILS VOL RNP	Others:		Facilities:	RNAV equipped

Item:	Flight Test Procedures:	Associated Tests:	✓
Preflight	Set the A/C at runway threshold and perform a functions check of all switches, indicators, systems...	a.1.a	<input checked="" type="checkbox"/>
Pre Take-Off	Start the engine(s) according to AFM.	b.1.a	<input checked="" type="checkbox"/>
Take-Off	From the IOS, set 200m RVR. Proceed to a low visibility take-off.	c.1.g	<input checked="" type="checkbox"/>
	After lift off, retracts flaps and landing gear.	c.1.h	<input checked="" type="checkbox"/>
Normal climb	Perform a normal climb according to AFM.	d.1	<input checked="" type="checkbox"/>
High altitude cruise	Climb to up 5000ft below service ceiling and set the A/C in cruise configuration. Cruise to a RNAV approach equipped airport.		
	Check high altitude handling and experience the overspeed warning.	e.2	<input checked="" type="checkbox"/>
	Set the A/C at Maximum Continuous Power and high altitude and check its handling qualities.	e.3	<input checked="" type="checkbox"/>
	Conduct training in stall configuration (with/without flaps, landing gear...). Meanwhile, ensure the functionality of stall warning at least 5kts before actual stall.	f.1 l.1.t	<input checked="" type="checkbox"/>
	Afterwards, check the functioning of anti-ice/de-ice system.	l.1.b	<input checked="" type="checkbox"/>
Emergency descent	Perform an emergency descent at maximum rate with power reduce and maximum allowed drag.	g.2	<input checked="" type="checkbox"/>
Visual system (3km)	At 3km from runway threshold, with the A/C in approach configuration, :		
	- Check runway definition,	m.2.b	<input checked="" type="checkbox"/>
	- Check runway surface and markings,	m.2.c	<input checked="" type="checkbox"/>
	- Check lighting for runway in use, including runway edge	m.2.d	<input checked="" type="checkbox"/>

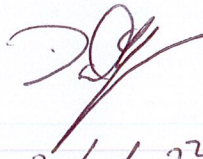
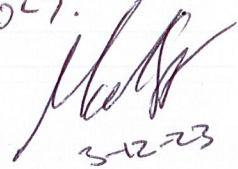


	and centerline lighting, visual approach aids and approach lighting of appropriate colors, - Check threshold lights and touchdown zone lights.	m.4.e	<input checked="" type="checkbox"/>
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The following additional tests shall be performed at any flight phase:

Item:	Additional Tests Procedures:	Associated Tests:	✓
Visual system	Move the A/C along the tree axis and check that the visual motion is coherent with the flight controls operation and that view offered by the visual system corresponds to the operation of the controls.	m.6.a m.6.c	<input checked="" type="checkbox"/>
Functions	During the flight path execution, check the functioning of: - Communications and interphone if fitted, - The electrical system, - Fuel, oil, hydraulics and pneumatics systems, - Landing gear, - Engine parameters, - The functionality of navigation system operation (identification of morse codes, indications, GPS...).	l.1.d l.1.e l.1.h l.1.i l.1.k l.1.s	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Instructor station	During the flight path execution, check that the IOS enable the instructor to control the simulation: - Set the A/C to any place in the database, - Set the cloud base to an altitude close to that of the A/C (the altimeter must be able to confirm the cloud base altitude), - During night conditions, set the A/C at runway threshold with landing lights on and check the signage and runway markings, - The airport lightings are of the type of those of the airport, and that their intensity is dimmable.	m.9.b m.9.a m.4.f m.9.c	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sound system	Check that the sound system simulates the aerodynamic, gear, flaps, etc sounds in a realistic manner. Check that the sound system simulates the engine and propeller sounds in a realistic manner.	o.1.c o.1.f	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



<b>AUTHORITY'S APPROVAL</b> (DATE, SIGNATURE & COMMENTS)	<b>OPERATOR'S APPROVAL</b> (DATE, SIGNATURE & COMMENTS)
	 03/14/2023.  3-12-23



**- 4<sup>TH</sup> FLY-OUT -**

<b>AIRCRAFT CONFIGURATION:</b>					
Gross weight:			CoG position:		
<b>FLIGHT TEST CONDITIONS:</b>					
Departure:		Cruise:		Arrival:	
From:	ELWE	Altitude:		To:	ELAN
Time:	2200	Time:	2230	Time:	Night
T°:	+04	T°:	M02	T°:	+03.
QNH:	1011	QNH:	1012	QNH:	1013
MT0:		MT0:		MT0:	
Facilities:	NDB 125	Others:		Facilities:	VOR and Localizer (DME) equipped

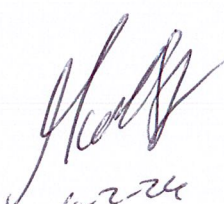
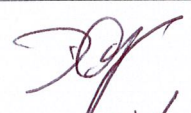
Item:	Flight Test Procedures:	Associated Tests:	✓
Preflight	Set the A/C at runway threshold and perform a functions check of all switches, indicators, systems...	a.1.a	<input checked="" type="checkbox"/>
Pre Take-Off	Start the engine(s) according to AFM.	b.1.a	<input checked="" type="checkbox"/>
Take-Off	Proceed to a take-off by releasing parking brakes and applying take-off power.	c.1.c	<input checked="" type="checkbox"/>
	After lift off, retracts flaps and landing gear.	c.1.h	<input checked="" type="checkbox"/>
Normal climb	Perform a normal climb according to AFM.	d.1	<input checked="" type="checkbox"/>
Cruise	Set the A/C in cruise configuration in a specified cruise power setting and check performance characteristics. Cruise to a VOR equipped airport.	e.1	<input checked="" type="checkbox"/>
Descent	Perform a normal 5% slope descent.	g.1	<input checked="" type="checkbox"/>
Approach	Perform a VOR approach.	h.2.b	<input checked="" type="checkbox"/>
Missed approach	Perform a standard go around all engines operative.	j.1	<input checked="" type="checkbox"/>
One engine inoperative climb	Climb with one engine inoperative up to the overhead of the airfield. Perform the procedure according to AFM.	d.2	<input type="checkbox"/>
One engine inoperative manoeuvres	In cruise configuration, with one engine inoperative, roll the A/C from right to left, perform steady slideslip, climb and descent.	f.8	<input checked="" type="checkbox"/>
Traffic pattern and Visual system	Set the A/C above the airport scene at a distance that allow to check the correct representation of the runways and taxiways.	m.2.a	<input checked="" type="checkbox"/>
Cruise	Cruise to a Localizer or a Localizer DME approach equipped airport.	-	-
Approach	Perform either a Localizer or a Localizer DME approach.	h.2.d	<input checked="" type="checkbox"/>
Visual system (8km)	At 8km from runway threshold, with the A/C in approach configuration, check runway definition, strobe lights,	m.4.a	<input checked="" type="checkbox"/>



	runway edge white lights and visual approach and guidance lights.		
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The following additional tests shall be performed at any flight phase:

Item:	Additional Tests Procedures:	Associated Tests:	✓
Visual system	Move the A/C along the tree axis and check that the visual motion is coherent with the flight controls operation and that view offered by the visual system corresponds to the operation of the controls.	m.6.a m.6.c	<input checked="" type="checkbox"/>
Functions	During the flight path execution, check the functioning of: - Communications and interphone if fitted, - The electrical system, - Fuel, oil, hydraulics and pneumatics systems, - Landing gear, - Engine parameters, - The functionality of navigation system operation (identification of morse codes, indications, GPS...).	l.1.d l.1.e l.1.h l.1.i l.1.k l.1.s	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Instructor station	During the flight path execution, check that the IOS enable the instructor to control the simulation. - Set the A/C to any place in the database, - Set the cloud base to an altitude close to that of the A/C (the altimeter must be able to confirm the cloud base altitude), - During night conditions, set the A/C at runway threshold with landing lights on and check the signage and runway markings, - The airport lightings are of the type of those of the airport, and that their intensity is dimmable.	m.9.b m.9.a m.4.f m.9.c	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sound system	Check that the sound system simulates the aerodynamic, gear, flaps, etc sounds in a realistic manner. Check that the sound system simulates the engine and propeller sounds in a realistic manner.	o.1.c o.1.f	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

<b>AUTHORITY'S APPROVAL</b> (DATE, SIGNATURE & COMMENTS)	<b>OPERATOR'S APPROVAL</b> (DATE, SIGNATURE & COMMENTS)
	  04/02/24