

Registration:			Serial #:	
			Date:	
nform detern his ure the procedurific PLEA Steps Certa The v	nation nine ndes hat y dure cation SE N s 5, 7 nin te	edures detailed in this report in. Failure to follow each and if the airworthiness requirementiated situation, please read all testou understand exactly what acts, contact the agency responsin.  NOTE:  Y and 13 are frequently perform st procedures may not apply to	are intended to demonstrate that the CVR every step carefully may result in Avmax Avits are met, and therefore require the test flight to st procedures completely before embarking on the cions need to be performed at each test point. If ible for the CVR installation, or Avmax Avion ed incorrectly. Pay special attention to these terms your aircraft. Indicate not applicable tests with the cutes. The CVR circuit breaker(s) can be pulled.	rionics being unable to o be repeated. To avoid the test flight, and make if you are unsure of any nics CVR personnel for ests.
. Pr				
a.	Th	e flight crew must be familiar w	rith:	
	1)	Location of the CVR control u	ınit and all of its functions.	
	2)	Location of the CVR circuit be	reaker(s).	
	3)	Method for turning "OFF" the	intercom.	
	4)	Method for activating in flight	the aural warnings listed in Step 17.	OK
b.	Pe	rform CVR self-test and verify	the CVR is operating properly.	OK
C.		sure that the following systems puired during the CVR test fligh	s, if installed, are operable in the aircraft, as th	ney will be
	1)	VHF COMMs		
	2)	HF COMMs		
	3)	Audio System		
	4)	Interphone System		
	5)	Oxygen Mask Microphone		
	<b>6</b> )	Passenger Address System		
	7)	NAVs		
	8)	ADFs		
	9)	DMEs		21/
	10)	) All required Cockpit Aural Wa	arning System listed in Step 17.	OK

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2.	Er	Engine Start					
	a.	Start the engine(s). For helicopters, call out rotor speed at 50%, 80%, and 100%.	OK				
3.	Pr	e-flight					
	a.	Ensure that flight deck windows are closed.	OK				
	b.	Select boom microphone and interphone "ON" at all crew stations.	OK				
	c.	Just prior to take-off for the flight test, have one of the crew make the following statement over the interphone:					
		"This is the beginning of the CVR test flight for aircraft"					
		Aircraft Model No					
		Aircraft Serial No					
		Aircraft Registration:					
		Test Date:	OK				
4.	Та	ke-Off					
	a.	Announce V-Speeds.					
	b.	Announce landing gear, flap selections, and propeller settings where applicable.	OK				
5.	Ar	ea Microphone Test					
	a.	After take-off and during climb out at high power settings, <u>turn the interphone "OFF"</u> .	OK				
	b.	The flight crew must raise their voices to be clearly understood by the other crewmember.	OK				
	c.	Speaking loud and make the following statements:					
		"This is the <b>Captain</b> performing the area microphone test, testing 1-2-3-4-5",	OK				
		"This is the First Officer performing the area microphone test, testing 1-2-3-4-5".	OK				
		"This is the <b>Flight Engineer</b> performing the area microphone test, testing 1-2-3-4-5".	OK				
	d.	Turn the interphone "ON".					
	e.		OK				
6.	Int	terphone Test					
	a.	Communicate from each crew station using the interphone, speak:					
		"This is the interphone from the <b>Captain's</b> station testing 1-2-3-4-5",	OK				
		"This is the interphone from the <b>First Officer's</b> station testing 1-2-3-4-5".	OK				
		"This is the interphone from the <b>Flight Engineer's</b> station testing 1-2-3-4-5".	OK				

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7.	Ur	ninterrupted Audio Test – Boom Microphone			
	a.	Turn the interphone "OFF" (i.e. no side-tone).	OK		
	b.	Speak into the <b>boom microphone</b> , this time without any transmitter or interphone keyed (no side-tone should be heard in the headsets).			
		"This is the uninterrupted audio test from the Captain's station testing 1-2-3-4-5",	OK		
		"This is the uninterrupted audio test from the <b>First Officer's</b> station testing 1-2-3-4-5".  "This is the uninterrupted audio test from the <b>Flight Engineer's</b> station testing 1-2-3-4-5".	OK		
8.	Co	omm 1 Boom Microphone Test			
	a.	Perform a test transmission to ATC or another ground facility from the <b>Captain's</b> , <b>First Officer's</b> and the <b>Flight Engineer's</b> stations using Comm 1. During the test transmission, identify which crewmember is transmitting.			
			OK		
9.	Co	omm 1 Hand Microphone and Speaker Test			
-		Select Comm 1 receive audio on the cockpit speaker.	OK		
		<ul> <li>Using the Hand microphone, perform a test transmission to ATC or another ground facility from the Captain's, First Officer's and the Flight Engineer's stations using Comm 1. During the test transmission, identify which crewmember is transmitting.</li> </ul>			
			OK		
10	.Co	omm 2 Boom Microphone Test			
	a.	Select Comm 2 to an unused frequency and again transmit from each station using the bool identifying as follows:	<u>m</u> microphone		
		"This is Comm 2 from the <b>Captain's</b> station using the boom microphone testing 1-2-3-4-5",  "This is Comm 2 from the <b>First Officer's</b> station using the boom microphone testing 1-2-3-4-5".  "This is Comm 2 from the <b>Flight Finding of the station</b> using the boom microphone testing 1-2-3-4-5".			
		"This is Comm 2 from the <b>Flight Engineer's</b> station using the boom microphone testing 1-2-3	OK		
11	. Cc	omm 1 Oxygen Mask Test			
	a.	Select Comm 1 to an unused frequency and transmit from each station using the oxygen ma	ask mic:		
		"This is Comm 1 from the <b>Captain's</b> station using the oxygen mask microphone testing 1-2- "This is Comm 1 from the <b>First Officer's</b> station using the oxygen mask microphone testing "This is Comm 1 from the <b>Flight Engineer's</b> station using the boom microphone testing 1-2	ng 1-2-3-4-5".		

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#### 12. Comm 2 Oxygen Mask Test

	"This is Comm 2 from the <b>Captain's</b> station using the oxygen mask microphone testing 1-2-3-4-5".  "This is Comm 2 from the <b>First Officer's</b> station using the oxygen mask microphone testing 1-2-3-1.  "This is Comm 2 from the <b>Flight Engineer's</b> station using the oxygen mask microphone testing 1-2-3-1.		
		OK	
13. Ur	ninterrupted Audio Oxygen Mask Test		
a.	Turn the intercom "OFF" (i.e. no side-tone).	OK	
b.	When convenient, again speak into the oxygen mask, this time without any transfer (no side-tone should be heard in the headsets), identifying as follows:	ansmitter or intercom keyed	
	"This is the uninterrupted audio test from the Captain's oxygen mask testing	1-2-3-4-5",	
	"This is the uninterrupted audio test from the First Officer's oxygen mask test	sting 1-2-3-4-5".	
	"This is the uninterrupted audio test from the Flight Engineer's oxygen masl	k testing 1-2-3-4-5.	

a. Select Comm 2 to an unused frequency and transmit from each station using the oxygen mask mic:

#### 14. Other Transmitters

- a. Repeat Step 8 for any other transmitters installed in the aircraft. Identify the transmitter in the test transmission, and list these transmitters here:
  - 1) HF:
  - 2) FM:
  - 3) Other:

OK \_\_\_\_\_

OK \_\_\_\_\_

## 15. Passenger Address System Test

a. When convenient, select the Passenger Address System and again transmit from each station identifying as follows:

"This is the P.A. system from the Captain's station testing 1-2-3-4-5",

"This is the P.A. system from the **First Officer's** station testing 1-2-3-4-5".

"This is the P.A. system from the **Flight Engineer's** station testing 1-2-3-4-5".

"This is the P.A. system from the Flight Attendant's station testing 1-2-3-4-5".

OK \_\_\_\_\_



OK

# a. Turn all receiver audios "OFF" at all audio control stations. OK \_\_\_\_\_\_ b. On the Captain's audio panel, set Comm 2 to a station such as ATIS, WWV or Weather and identify the crew station selected (e.g. Captain's Comm 2). Repeat for all other transmitters tested in step 14. Fill in the table below to indicate what receive audio are available in the A/C. OK \_\_\_\_\_\_ c. On the Captain's audio panel, turn NAV 1 audio on and tune the navigation receiver to a station providing audio identification. Identify the crew station and each receiver on the interphone (e.g. Captain's Nav 1 audio). Repeat for all other navigation receivers (e.g. NAVs, ADFs, DMEs, etc.). Fill in the table below to indicate what receive audio are available in the A/C. OK \_\_\_\_\_\_ d. Repeat steps 16, a b & c, for the First Officer's Comm and Nav receiver audio tests. OK \_\_\_\_\_\_

e. Repeat steps 16, a b & c, for the Flight Engineer's Comm and Nav receiver audio tests.

Dessiver	Captain		First Officer		Flight Engineer	
Receiver	Completed	N/A	Completed	N/A	Completed	N/A
Nav 1						
Nav 2						
ADF 1						
ADF 2						
DME 1						
DME 2						
Comm 2						
HF 1						
HF 2						
FM						
Mkr Beacon						
Other:						

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## 17. Cockpit Warnings

a. Activate as many aural cockpit warnings as possible. Activate each warning in turn for 2 to 3 seconds and identify each one on the interphone just before it is activated. If the warning system is not installed in the aircraft, or it does not provide an aural alert (e.g. stick shaker), omit that system. If there are any other system installed in the aircraft that generate an aural alert but are not listed below, activate them as well and identify them on the interphone.

Aural Cockpit Warning	Completed	N/A
Stall		
Overspeed		
Landing Gear		
Fire		
Trim in Motion		
Altitude Alerter		
TCAS		
GPWS		
Windshear		
Autopilot Disengage		
Master Caution		
Stability Augmentation System		
Rotor Speed		
Other:		

#### 18. Doors and Windows

10.	טט	ors and windows	
	a.	If applicable, announce and open the flight deck cabin door. Announce and close the door a approximately 10 seconds.	fter OK
	b.	Where permitted, and if applicable, announce and open the flight deck windows. Announce	and close the
		windows after approximately 10 seconds.	
			OK
19.	Au	to-Rotation and Hover (Helicopter Only)	
	a.	At a safe altitude in helicopter installations, announce and perform an auto-rotation descent recovery.	with power OK
	b.	Announce and hover for approximately 20 seconds.	OK
	D.	Announce and hover for approximately 20 seconds.	OK
20.	Pro	e-Landing	

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Avmax Avionics personnel.

a. Pull the Cockpit Voice Recorder circuit breaker so the above information can be saved and recovered by

OK \_\_\_\_\_



## 21.P

21.P	ost-Flight		
a.	When the aircraft is on the ground, remo	ove the CVR and route	e it, along with this completed report, to
			OK
22. N	otes		
23.C	ertification		
	certify that all tests in this report have been oted.	satisfactorily complet	ed as described above, unless otherwise
Pi	lot:	Date:	License #:
C	opilot:	Date:	License #:
W	litness:	Date:	