

Perform the following tests during the cruise or during any lull of activity. The in-flight portion should take no longer than **15 minutes** to complete. If a test gets interrupted, pull CVR circuit breaker and reset once ready to commence test.

\_\_\_\_\_ A/C Make

\_\_\_\_\_ A/C Model

\_\_\_\_\_ A/C Serial Number

\_\_\_\_\_ A/C Registration

\_\_\_\_\_ Date

Use a stopwatch to time this test. Remember to stop and restart the clock every time you open and close the circuit breaker. Enter the total time for this test at the end.

### SECTION I: IN-FLIGHT PORTION OF TEST

#### 1. INTERCOM

		INITIALS
A.	With the intercom <b>ON</b> have one crew member make the following statement: <b><i>This is the beginning of the CVR Flight Test for aircraft _____ (A/C Registration).</i></b>	
B.	Captain Intercom: <b><i>This is the Captain's Intercom Test 1-2-3-4-5.</i></b>	
C.	First Officer Intercom: <b><i>This is the First Officer's Intercom Test 1-2-3-4-5.</i></b>	

#### 2. AREA MICROPHONE

		INITIALS
A.	Select both intercoms <b>OFF</b>	
B.	Captain: Cover the headset boom mic tightly with hand and make the following statement loudly to the First Officer: <b><i>This is the Captain speaking to the First Officer to test the Area Microphone. Do you understand me?</i></b>	
C.	First Officer: Cover the headset boom mic tightly with hand and make the following statement loudly to the Captain: <b><i>Yes I understand you. This is the First Officer speaking to the Captain to test the Area Microphone. Do you understand me?</i></b>	
D.	Captain: <b><i>Yes I understand you.</i></b>	

#### 3. UNINTERRUPTED MICROPHONE AUDIO

(Pilots please do not be confused by this title, it is for the CVR technicians purpose only. Please read and do this next step exactly as it says).

		INITIALS
A.	Leave the intercom <b>OFF</b> or do not use the intercom. <b>NOTE: You must not hear yourself or the other crew member in your headphones.</b>	
B.	Captain: Speaking into the <b>boom mic</b> make the following statement: <b><i>This is the Captain's test of the uninterrupted microphone audio, testing 1-2-3-4-5.</i></b>	
C.	First Officer: Speaking into the <b>boom mic</b> make the following statement: <b><i>This is the First Officer's test of the uninterrupted microphone audio, testing 1-2-3-4-5.</i></b>	

**4. TRANSMITTERS**

		INITIALS
A.	Tune either <u>company</u> or <u>ATC</u> frequency on VHF COMM 1 and VHF COMM 2 to get a reply for the following tests.	
B.	Captain: With the <b>boom mic</b> make the following statement into the intercom: <b><i>This is the Captain about to make a radio call with VHF Comm 1.</i></b>  Make a radio call of at least 5 seconds on VHF Comm 1.	
C.	First Officer: With the <b>boom mic</b> make the following statement into the intercom: <b><i>This is the First Officer about to make a radio call with VHF Comm 2.</i></b>  Make a radio call of at least 5 seconds on VHF Comm 2.	

**5. CABIN PA (If installed)**

		INITIALS
A.	If Cabin PA is installed, make the following statement on the Cabin PA.	
B.	Captain: Make the following statement on the Cabin PA: <b><i>This is the Captain testing the Cabin PA system, testing 1-2-3-4-5.</i></b>	
C.	First Officer: Make the following statement on the Cabin PA: <b><i>This is the First Officer testing the Cabin PA system, testing 1-2-3-4-5.</i></b>	

**6. Cabin PA (If not installed)**

		INITIALS
A.	If the Cabin PA is not installed, make the following statement over the <b>intercom</b> : <b><i>The Passenger Address system is not installed on aircraft _____ (Registration)</i></b>	

**PULL THE CVR CIRCUIT BREAKER FOR THE REMAINDER OF THE FLIGHT.**

Total test time: \_\_\_\_\_ (do not exceed 15 minutes)

Certification:

I certify that the tests detailed on this report have been checked and initialized and have been conducted as indicated.

\_\_\_\_\_  
Crew Name                      Crew Signature                      Company                      Date

*NOTE: Only **15 minutes** of recording time remains. If necessary pull the CVR circuit breaker between tests to preserve recording time. If the time is exceeded, the In-Flight portion of the test may be recorded over and will have to be redone.*

\_\_\_\_\_  
A/C Make

\_\_\_\_\_  
A/C Model

\_\_\_\_\_  
A/C Serial Number

\_\_\_\_\_  
A/C Registration

\_\_\_\_\_  
Date

Use a stopwatch to time this test. Remember to stop and restart the clock every time you open and close the circuit breaker. Enter the total time for this test at the end.

### **SECTION II: GROUND PORTION OF TEST**

#### **7. TRANSMITTERS**

(Ground portion, some tests are repeated for comparison purposes.)

The purpose of this test is to confirm that the microphone audio and crew sidetone is recorded. Transmissions should be made to a controller or company to get a reply. **A reply must be heard or tune ATIS to get a good VHF COMM reply.** Allow 5 seconds between transmissions (for analysis purposes).

		INITIALS
A.	Captain: <b><i>This is the Captain about to make a radio call with the boom mic on VHF Comm 1.</i></b>  Make a radio call of at least 5 seconds duration with <b>BOOM</b> microphone on VHF Comm 1. (+5 sec), get a reply.	
	<b><i>This is the Captain about to make a radio call with the hand mic on VHF Comm 2.</i></b>  Make a radio call of at least 5 seconds duration with <b>HAND</b> microphone on VHF Comm 2. (+5 sec), get a reply.	
	<b><i>This is the Captain about to make an announcement on the Cabin PA.</i></b>  Make an announcement on the Cabin PA of at least 3 seconds duration. <b><i>This is the Captain making an announcement on the Cabin PA, testing 1-2-3-4-5.</i></b>	
	First Officer <b><i>This is the First Officer about to make a radio call with the hand mic on VHF Comm 1.</i></b>  Make a radio call of at least 5 seconds duration with <b>HAND</b> microphone on VHF Comm 1. (+5 sec), get a reply.	
B.	<b><i>This is the First Officer about to make a radio call with the boom mic on VHF Comm 2.</i></b>  Make a radio call of at least 5 seconds duration with <b>BOOM</b> microphone on VHF Comm 2. (+5 sec), get a reply.	
	<b><i>This is the First Officer about to make an announcement on the Cabin PA.</i></b>  Make an announcement on the Cabin PA of at least 3 seconds duration. <b><i>This is the First Officer making an announcement on the Cabin PA, testing 1-2-3-4-5.</i></b>	
	(This section is merged with the previous row in the original document)	

**TRANSMITTERS (Continued)...**

		INITIALS
A.	(If installed) Cabin Attendant PA function: <b><i>The Cabin Attendant is about to make an announcement.</i></b>	
	Have the Cabin Attendant to make PA announcement of at least 5 seconds duration. <b><i>This is the Cabin Attendant making an announcement on the Cabin PA, testing 1-2-3-4-5.</i></b>	

**8. OXYGEN MASK**

The purpose of this test is to confirm that the microphone in the oxygen mask is being recorded during intercom, radio communication, and that uninterrupted microphone audio is recorded.

		INITIALS
A.	Captain: With the intercom selected <b>ON</b> , announce: <b><i>This is the Captain speaking into the oxygen mask microphone with the intercom <u>ON</u> and not transmitting.</i></b>	
	With the intercom selected <b>OFF</b> , announce: <b><i>This is the Captain speaking into the oxygen mask microphone with the intercom <u>OFF</u> and not transmitting.</i></b>	
	Before keying the radio announce: <b><i>This is the Captain about to make a radio call from the oxygen mask.</i></b>  Make a radio call from either VHF Comm. This may be a blind call on an unused or company frequency.	
B.	First Officer: With the intercom selected <b>ON</b> , announce: <b><i>This is the First Officer speaking into the oxygen mask microphone with the intercom <u>ON</u> and not transmitting.</i></b>	
	With the intercom selected <b>OFF</b> , announce: <b><i>This is the First Officer speaking into the oxygen mask microphone with the intercom <u>OFF</u> and not transmitting.</i></b>	
	Before keying the radio announce: <b><i>This is the First Officer about to make a radio call from the oxygen mask.</i></b>  Make a radio call from either VHF Comm. This may be a blind call on an unused or company frequency.	

### 9. OTHER AUDIO RECEIVERS

The purpose of this test is to confirm that the other receiver audio are being recorded. Allow the audio to remain for at least 5 seconds. If one of the following receivers is not installed, announce that the unit is not installed using the intercom.

		INITIALS
A.	Tune in a local station with intelligible audio on each receiver.	
B.	Captain: Setup your radios before you continue	
	Announce: <b><i>Captain's side <u>ADF 1</u> audio.</i></b> (+5 seconds)	
	Announce: <b><i>Captain's side <u>ADF 2</u> audio.</i></b> (+5 seconds)	
	Announce: <b><i>Captain's side <u>NAV 1</u> audio.</i></b> (+5 seconds)	
	Announce: <b><i>Captain's side <u>NAV 1</u> audio.</i></b> (+5 seconds)	
	Announce: <b><i>Captain's side <u>DME 1</u> audio.</i></b> (+5 seconds)	
	Announce: <b><i>Captain's side <u>DME 2</u> audio.</i></b> (+5 seconds)	
	C.	First Officer: Setup your radios before you continue
Announce: <b><i>First Officer's side <u>ADF 1</u> audio.</i></b> (+5 seconds)		
Announce: <b><i>First Officer's side <u>ADF 2</u> audio.</i></b> (+5 seconds)		
Announce: <b><i>First Officer's side <u>NAV 1</u> audio.</i></b> (+5 seconds)		
Announce: <b><i>First Officer's side <u>NAV 2</u> audio.</i></b> (+5 seconds)		
Announce: <b><i>First Officer's side <u>DME 1</u> audio.</i></b> (+5 seconds)		
Announce: <b><i>First Officer's side <u>DME 2</u> audio.</i></b> (+5 seconds)		
D.		If necessary, pull the CVR circuit breaker to preserve recording.

### 10. AURAL ALERTS

The purpose of this test is to ensure that all Aural Alerts are audible.

If any of the following Aural Alerts are not applicable to the aircraft, make the following statement into the intercom. **Aural Alert \_\_\_\_\_ is not applicable to this aircraft.**

		INITIALS
A.	Prior to activation of an Aural Alert, announce what alert is going to be tested (see below). Allow the alert to sound for 2-3 seconds for 4-5 cycles (as applicable).	
B.	Reset the CVR circuit breaker (if previously pulled)	
C.	Announce:	
	<b>This is a test of the <u>MASTER CAUTION</u> Aural Alert.</b>	
	<b>This is a test of the <u>MASTER WARNING</u> Aural Alert.</b>	
	<b>This is a test of the <u>FIRE</u> Aural Alert.</b>	
	<b>This is a test of the <u>STALL</u> Aural Alert.</b>	
	<b>This is a test of the <u>OVERSPEED</u> Aural Alert.</b>	
	<b>This is a test of the <u>ALTITUDE ALERT</u> Aural Alert.</b>	
	<b>This is a test of the <u>TCAS</u> Aural Alert.</b>	
	<b>This is a test of the <u>GPWS</u> Aural Alert.</b>	
	<b>This is a test of the <u>GEAR UP</u> Aural Alert.</b>	
	<b>This is a test of the <u>TRIM IN MOTION</u> Aural Alert.</b>	
	<b>This is a test of the <u>AUTOPILOT DISCONNECT</u> Aural Alert.</b>	
	<b>This is a test of the <u>SAS</u> Aural Alert.</b>	
	D.	Pull the CVR circuit breaker to preserve recording.

Total test time: \_\_\_\_\_ (do not exceed 15 minutes)

Certification:

I certify that the tests detailed on this report have been checked and initialized and have been conducted as indicated.

\_\_\_\_\_  
Crew Name                      Crew Signature                      Company                      Date