CHAPTER

31

INDICATING/ RECORDING SYSTEMS





737-600/700/800/900 TASK CARDS

CHAPTER 31 INDICATING/RECORDING SYSTEMS

Subje	ect/Page	Date	coc	Subje	ect/Page	Date	COC	Subje	ct/Page	Date	COC
31-E	FFECTIVE	PAGES		31-0	50-00-01	SYS (cont)		31-14	0-00-01	SYS (cont)	
	1	JUN 15/2016		0	8	Jun 15/2016			8	Jun 15/2015	
	2	BLANK		0	9	Jun 15/2016			9	Jun 15/2015	
31-0	10-00-01	SYS			10	Oct 15/2015		31-15	0-00-01	SYS	
	1	Jun 15/2015		R	11	Jun 15/2016			1	Feb 15/2015	
	2	Jun 15/2015		31-12	20-00-04	SYS		R	2	Jun 15/2016	
31-0	20-00-01	SYS			1	Feb 15/2016			3	Feb 15/2015	
R	1	Jun 15/2016		R	2	Jun 15/2016			4	Feb 15/2015	
	2	Feb 15/2016		R	3	Jun 15/2016			5	Jun 15/2015	
	3	Feb 15/2016		R	4	Jun 15/2016			6	Jun 15/2015	
	4	Feb 15/2016		0	5	Jun 15/2016			7	Jun 15/2015	
	5	Jun 15/2015		0	6	Jun 15/2016			8	Feb 15/2015	
	6	Jun 15/2015		31-12	20-00-05	SYS			9	Jun 15/2015	
31-0	30-00-01	SYS			1	Feb 15/2016			10	Jun 15/2015	
	1	Jun 15/2015		R	2	Jun 15/2016			11	Oct 15/2014	
	2	Jun 15/2015		R	3	Jun 15/2016			12	Jun 15/2015	
31-0	40-00-01	SYS		R	4	Jun 15/2016			13	Oct 15/2014	
0.0	1	Oct 15/2015		0	5	Jun 15/2016		31-16	0-01-01	SYS	
	2	Jun 15/2015		0	6	Jun 15/2016			1	Oct 15/2015	
R	3	Jun 15/2016		Α	7	Jun 15/2016			2	Oct 15/2015	
0	4	Jun 15/2016		31-1	30-00-04	SYS			3	Feb 15/2015	
0	5	Jun 15/2016			1	Feb 15/2016			4	Jun 15/2015	
0	6	Jun 15/2016			2	Oct 15/2015		R	5	Jun 15/2016	
0	7	Jun 15/2016			3	Oct 15/2015			6	Oct 15/2015	
0	8	Jun 15/2016		31-1	30-00-05	SYS			7	Oct 15/2015	
0	9	Jun 15/2016			1	Feb 15/2016			8	Jun 15/2015	
0	10	Jun 15/2016			2	Jun 15/2015		31-16	0-02-01	SYS	
R	11	Jun 15/2016			3	Feb 15/2015			1	Oct 15/2015	
	12	Jun 15/2016			4	Oct 15/2014			2	Oct 15/2015	
	50-00-01	SYS		31-14	40-00-01	SYS			3	Feb 15/2015	
	1	Oct 15/2015		R	1	Jun 15/2016			4	Jun 15/2015	
	2	Feb 15/2015		'`	2	Feb 15/2015		R	5	Jun 15/2016	
R	3	Jun 15/2016			3	Feb 15/2015			6	Oct 15/2015	
0	4	Jun 15/2016		R	4	Jun 15/2016			7	Oct 15/2015	
0	5	Jun 15/2016		'`	5	Feb 15/2015			8	Jun 15/2015	
0	6	Jun 15/2016			6	Feb 15/2015					
0	7	Jun 15/2016			7	Feb 15/2015					

 $A = Added, \ R = Revised, \ D = Deleted, \ O = Overflow, \ C = Customer \ Originated \ Change$

31-EFFECTIVE PAGES



737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		AUR	TITLE RAL WARNING SYS	BOEING CARD NO. 31-010-00-01		
DATE	TASK FUNCTIONAL				RELATE	D CARD
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLIC/	ABILITY ENGINE
STATION	SKILL AVION				ALL	ALL
		ACCESS			ZONE 211 212	

Functional check of the aural warning module (AWM) using bite check.

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)

EFFECTIVITY AKS ALL	SOURCE MRB	AURAL WARNING SYSTEM	
		D633A109-AKS 31-010-00-01	Page 1 of 2 Jun 15/2015



	DATE		TAIL NUMBER		STATION		AIRLINE CARD NO.	BOEING CARD NO. 31-010-00-01				
TAS	K 31	-51-00)-740-801						MECH	INS		
. Aur	Aural Warning Module BITE Test											
Α.	Gen	eral										
	(1)	The	BITE does	s an operation	nal check o	f the two chann	els within the aural wa	ırning				
	module. You need to do a test of channel A and channel B separately. Failure of this Bi test indicates a failure of the module only. B. Procedure											
В.	Pro	cedur	'e									
	SUBTASK 31-51-00-860-001											
	(1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.											
	SUBTASK 31-51-00-860-002											
	(2) Make sure that this circuit breaker is closed:											
		F/O Rov		l System Pan <u>Number</u>	iel, P6-3 Name							
		<u></u>				GEAR AURAL	WARN					
	SUBTA	ASK 31-5 ⁻	1-00-740-001									
	(3)	Do t	he channe	el A BITE test a	as follows:							
		(a)	Turn and the A pos		FATE TO T	EST switch on t	op of the aural warning	g module to				
			1) Mal	ke sure you he	ear the inte	ermittent horn.						
		(b)	Release	the ROTATE	TO TEST s	switch.						
	Make sure you hear the clacker for approximately 5 seconds.											
	SUBTASK 31-51-00-740-002											
	(4)	Do tl		el B BITE test								
		(a)	Turn and the B pos		FATE TO T	EST switch on t	op of the aural warning	g module to				
			1) Mal	ke sure you he	ear the inte	ermittent horn.						
		(b)		the ROTATE								
			1) Mal	ke sure you he	ear the cla	cker for approxi	mately 5 seconds.					
C.	Put	the A										
			1-00-860-003	Damas va Elaatu	ical Dawer		1 22 00 000 042					
	(1)	וו סכו	nis task: R				l-22-00-860-812.					
					- END OF	TASK ———						
					L COLIDOR	ALIDAL MAADAII						
			S ALL		SOURCE MRB	AURAL WARNI	NG SYSTEM					
						D633A109-AKS			Page 2			





737-600/700/800/900 TASK CARDS

AIRLINE	E CARD NO	CAB	TITLE SIN PRESSURE SW	BOEING CARD NO. 31-020-00-01			
DATE	TASK FUNCTIONAL				RELATE	D CARD	
TAIL NUMBER	WORK AREA LWR FUSELAGE	VERSION 1.1	THRESHOLD 6000 FH	REPEAT 6000 FH		APPLICABILITY	
STATION	SKILL AVION	-			ALL	ALL	
		ACCESS 112A			ZONE 112		

Functional check of the cabin pressure switch.

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description	
COM-1914	Test Set - Air Data Model FLMTS (Flight Line Maintenance)	
COINI-1914	Part #: 18910920000 Supplier: 89944 Part #: ADTS405F Supplier: U0427 Part #: ADTS530 Supplier: U0427 Part #: ADTS552F Supplier: U0427 Part #: D60340MK Supplier: K1474 Part #: DPS1000 Supplier: 21844 Part #: DPS350 Supplier: 21844 Part #: DPS450 Supplier: 21844 Part #: MODEL 6300 Supplier: 0RDZ5 Part #: MPS34C Supplier: 48RQ2 Part #: MPS43 Supplier: A0197 Part #: MPS45 Supplier: 48RQ2 Part #: MPS45 Supplier: 48RQ2 Part #: TES9463 Supplier: 48RQ2 Part #: TES9463 Supplier: 88277 Opt Part #: 18910480000 Supplier: 89944 Opt Part #: ADTS505 Supplier: U0427 Opt Part #: D60302 Supplier: K1474 Opt Part #: D60383 Supplier: K1474 Opt Part #: DPS500 Supplier: K1474 Opt Part #: DPS500 Supplier: 21844 Opt Part #: DPS500 Supplier: 21844 Opt Part #: MPS31C Supplier: 21844 Opt Part #: MPS31C Supplier: 21844	

EFFECTIVITY AKS ALL	SOURCE MRB	CABIN PRESSURE SWITCH	
		D633A109-AKS 31-020-00-01	Page 1 of 6 Jun 15/2016



							TAS	K CARDS							
	I	DATE			T.	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C/ 31-020-					
4	TASK 21-33-00-000-801 Cabin Altitude Warning Switch Functional Test											INSP			
1.		ure 1		vvaii	iiig	Switch Fund	Lional les	_							
	A.		, neral												
	В.			for the	Tos	et -									
	В.			3-00-860-) L									
	(1) Supply electrical power. To supply electrical power, do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811.														
		SUBT	ASK 21-3	3-00-860-	002										
		(2)	Mak	e sure	e that	t this circuit b	reaker is c	losed:							
			F/O	Elect	rical	System Pan	nel, P6-3								
			Ro		Col		Name	054514701							
			B		17	C00129			1 & PRESS WARN						
						t these circuit		are closed:							
	F/O Electrical System Panel, P6-3 Row Col Number Name														
			<u></u>		<u>30.</u> 18			GEAR AURAI	_ WARN						
			Е		12			R MASTER D							
			F		12	C00318	INDICATO	R MASTER D	IM SECT 6						
	SUBTASK 21-33-00-010-001 (3) Open this access panel:														
		(3)	-	n tnis nber		ess panei: ame/Locatic	\n								
			112/			orward Acces									
	C. Cabin Altitude Warning Switch Functional Test														
	0.			3-00-720-		ining Ownton	Tanotione	1000							
		(1)	Do a	a test	of the	e cabin altitud	de warning	switch S128 a	s follows:						
			(a)	Rem	ove	the screen po	ort assemb	ly from the cal	oin altitude warning swi	tch, S128.					
			(b)	Insta	ıll an	adapter fittin	g on the ca	abin altitude wa	arning switch, S128.						
				NOT		he female th		ne cabin altitud	le warning switch are						
				1)			-		nave an adapter to con e one of the adapters th						
	 a) Altitude pressure switch adapter kit P/N JAK136 (Consolidated Controls Corp.) 									ated Controls					
					b)	AN807-4D O-ring	Tube to Ho	ose Adapter, Al	N924-4 nut and approp	riate sized					
	c) P/N JUD321 Hose Fitting with MS28778-4 O-ring (Eaton Aerospace LL0 Bethel, CT 02750)									erospace LLC,					
			(c)	Coni	nect	the air data n	nodel test s	set, COM-1914	l, or equivalent, to the a	adapter fitting.					
				S ALL			SOURCE MRB	CABIN PRESS	SURE SWITCH						

AKS ALL	MRB	CABIN PRESSURE SWITCH	
		D633A109-AKS 31-020-00-01	Page 2 of 6 Feb 15/2016



737-600/700/800/900 TASK CARDS

DATE	TA	AIL NUMBER		STATION	AIRLINE CARD NO.	31-020			
(d)	Slowly inc		de of the	cabin altitude	warning switch, S128,	and monitor	MECH	INSF	
	1) Do r	not increase the	altitude	at a rate more	than 4000 ft/minute.				
(e)	Make sur	e the aural warr	ning sign	al comes on a	t an altitude of 9000 to	11,000 feet.			
(f)		e the red CABIN the first officer's			on the captain's instru 1 come on.	ment panel			
(g)	Press the	ALT HORN CU	JTOUT s	witch on the P	5-16 Cabin Pressure C	ontrol Panel.			
(h)	Make sur	e the aural warr	ning sign	al goes off.					
(i)		e the red CABIN the first officer's			on the captain's instru 1 stay on.	ment panel			
(j)					ning switch, S128, to ap varning came on.	proximately			
	1) Do r	not decrease the	e altitude	at a rate more	e than 4000 ft/minute.				
(k)		e the CABIN AL			the captain's instrumen off.	t panel P1-3			
(1)	Increase the altime		he cabin	altitude warni	ng switch, S128, while	you monitor			
	1) Do r	not increase the	altitude	at a rate more	than 4000 ft/minute.				
(m)	Make sur	e the aural warr	ning sign	al comes on a	gain at an altitude of 90	000 to 11,000			
(n)		e the red CABIN the first officer's			on the captain's instru 1 come on.	ment panel			
(o)	Decrease	the altitude on	the cabi	n altitude warr	ning switch, S128, to gr	ound level.			
	1) Do r	not decrease the	e altitude	at a rate more	e than 4000 ft/minute.				
(p)	Make sur	e the aural warr	ning sign	al goes off.					
(q)		ake sure the CABIN ALTITUDE indicators on the captain's instrument panel P1-3 and the first officer's instrument panel P3-1 go off.							
(r)		he air data mod n the cabin altit			, or equivalent, and the 28.	adapter			
(s)	Install the	screen port as	sembly o	on the cabin al	titude warning switch, S	S128.			
SUBTASK 2	ASK 21-33-00-720-022								
(2) Do	a test of the	cabin altitude	warning	switch S1153 a	as follows:				
(a)	Remove t	he screen port	assembl	y from the cab	in altitude warning swit	ch, S1153.			
(b)	Install an	adapter fitting o	on the ca	bin altitude wa	rning switch, S1153.				
		NOTE: The female threads on the cabin altitude warning switch are 7/16-20-UNJF-3A.							
					ave an adapter to conr one of the adapters th				
	a)	Altitude press Corp.)	ure swite	ch adapter kit F	P/N JAK136 (Consolida	ted Controls			
	FECTIVITY KS ALL		SOURCE MRB	CABIN PRESS	URE SWITCH				

D633A109-AKS 31-020-00-01 Page 3 of 6 Feb 15/2016

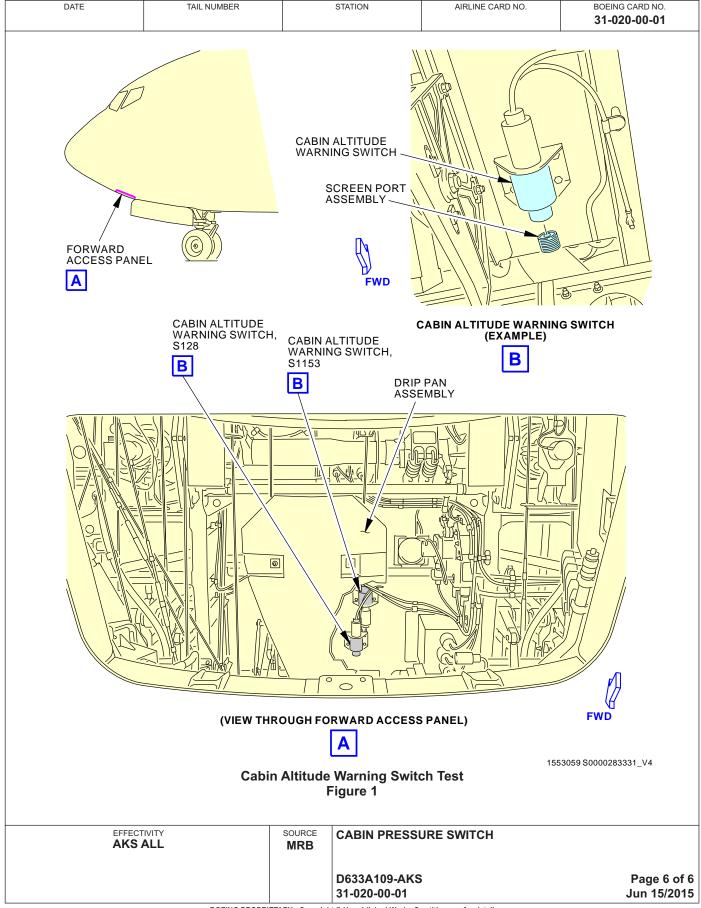


DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C.		
	b) AN807-4D Tu O-ring	ube to Ho	se Adapter, AN	924-4 nut and appropria	ate sized	MECH	INSP
	•		ing with MS287	78-4 O-ring (Eaton Aer	ospace LLC,		
(c)	Connect the air data mo	,	set, COM-1914,	or equivalent, to the ad	apter fitting.		
	Slowly increase the altiton the altiton the altimeter.	ude of the	e cabin altitude	warning switch, S1153,	and monitor		
	1) Do not increase the	e altitude	at a rate more	than 4000 ft/minute.			
(e)	Make sure the aural war	rning sign	nal comes on at	an altitude of 9000 to 1	1,000 feet.		
	Make sure the red CABI P1-3 and the first officer				ent panel		
(g)	Press the ALT HORN C	UTOUT s	witch on the P5	-16 Cabin Pressure Co	ntrol Panel.		
(h)	Make sure the aural war	rning sign	nal goes off.				
()	Make sure the red CABI P1-3 and the first officer			•	ent panel		
	Decrease the altitude or 1700 feet below the altit				proximately		
	1) Do not decrease th	ne altitude	e at a rate more	than 4000 ft/minute.			
. ,	Make sure the CABIN A and the first officer's inst			-	panel P1-3		
	Increase the altitude on the altimeter.	the cabin	n altitude warnin	g switch, S1153, while	you monitor		
	1) Do not increase the	e altitude	at a rate more	than 4000 ft/minute.			
, ,	Make sure the aural war feet.	rning sigr	nal comes on ag	ain at an altitude of 900	00 to 11,000		
` ,	Make sure the red CABI P1-3 and the first officer			-	ent panel		
(o)	Decrease the altitude or	n the cabi	n altitude warni	ng switch, S1153, to gro	ound level.		
	1) Do not decrease the	ne altitude	e at a rate more	than 4000 ft/minute.			
(p)	Make sure the aural war	rning sign	nal goes off.				
	Make sure the CABIN A and the first officer's inst				panel P1-3		
	Remove the air data mo fitting from the cabin alti				adapter		
(s)	Install the screen port as	ssembly o	on the cabin alti	tude warning switch, S1	1153.		
EFFEC	TMTV	SOURCE	CADIN DDESSI	IDE SWITCH			
AKS		MRB	CABIN PRESSU				
			D633A109-AKS 31-020-00-01			Page 4 eb 15/	



]	DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-020-		
D.	Put the A	 irplane B	ack to Its Usua	⊥ al Condit	tion			MECH	INSP
	SUBTASK 21-3								
	(1) Clos	e this acc	ess panel:						
	<u>Num</u>	<u>iber</u> <u>I</u>	Name/Location	į					
	112 <i>A</i>	A F	orward Access	Door					
	SUBTASK 21-33								
					cessary. To remo 24-22-00-860-8	ve electrical power, do 12.	this task:		
				END OF	TASK ——				
	EFFE	СТІVІТҮ		SOURCE	CABIN PRESSU	IRE SWITCH			
	AK	SALL		MRB					
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					31-020-00-01		J	un 15/	2015









737-600/700/800/900 TASK CARDS

AIRLINE	CARD NO	MACH/AIRSPEED SYSTEM 1 AND 2 DISCRETE			BOEING CARD NO. 31-030-00-01		
DATE	TASK OPERATIONAL		OUTPUTS	RELATED CARD			
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 15000 FH	REPEAT 15000 FH	APPLIC AIRPLANE	ABILITY ENGINE	
STATION	SKILL AVION				ALL	ALL	
		ACCESS			ZONE 210		

Operational check of mach/airspeed system 1 and 2 discrete outputs for aural warning system.

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)

EFFECTI ATV	0011005	· · · · · · · · · · · · · · · · · · ·	
EFFECTIVITY AKS ALL	SOURCE MRB	MACH/AIRSPEED SYSTEM 1 AND 2 DISCRETE O	UTPUTS
		D633A109-AKS	Page 1 of 2
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]	DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-030-					
	TAS	K 34-	16-00-	730-801		,			MECH	INS			
1.	Mac	lach Airspeed Warning System - Aural Warning Discrete Output Test											
	A.	Prep	oare fo	r the Aural Warning	Discrete C	Output Test							
		SUBTA	SK 34-16-0	00-860-002									
		(1)	Do thi	is task: Supply Electri	cal Power,	AMM TASK 24-2	22-00-860-811.						
	B.	Test	Proce	edure									
			SK 34-16-0										
		(1)					G TEST switch on the I	⊃5 panel.					
			(a)	Make sure you hear t	he warning	clacker.							
			SK 34-16-0		NIDODEED.	VAVA DALINIO TEO	T . 10.1						
		(2)		ise the NO. 1 MACH			SI switch.						
		(a) Make sure you cannot hear the warning clacker.											
		(3)		00-710-002 and hold the NO 2 M	IACH AIDSI	DEED WADNING	G TEST switch on the I	D5 nanal					
		(5)		Make sure you hear t			O ILOI SWILCII OII LIIE I	o pariei.					
		CUDTA	` '	•	ne wanning	CIGORCI.							
		subtask 34-16-00-860-006 (4) Release the NO. 2 MACH AIRSPEED WARNING TEST switch.											
		(a) Make sure you cannot hear the warning clacker.											
	C.	Put the Airplane Back to Its Usual Condition											
		SUBTASK 34-16-00-840-001											
		(1) Do this task: Remove Electrical Power, AMM TASK 24-22-00-860-812.											
		——— END OF TASK ———											
			EFFEC AKS		SOURCE MRB	MACH/AIRSPEE	ED SYSTEM 1 AND 2 DIS	SCRETE OUTF	PUTS				
						D633A109-AKS 31-030-00-01			Page 2 un 15/				
				BOEING BRODE									





737-600/700/800/900 TASK CARDS

AIRLINE	CARD NO		LANDING GEAR LOGIC MODULE TO THE AWM SYSTEMS 1 AND 2			BOEING CARD NO. 31-040-00-01		
DATE	TASK OPERATIONAL		SYSTEMS 1 AND 2	RELATED CARD				
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 6000 FH	REPEAT 6000 FH	APPLICA AIRPLANE	ABILITY ENGINE		
STATION	SKILL AIRPL				ALL	ALL		
		ACCESS			ZONE 211 212			

Operational check of landing gear logic module output to the AWM System 1 and 2.

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 29-11-00-860-801	Hydraulic System A or B Pressurization (P/B 201)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 32-09-00-860-801	Put the Airplane in the Air Mode (P/B 201)
AMM 32-09-00-860-802	Return the Airplane to the Ground Mode (P/B 201)
AMM 34-33-00-700-801	Radio Altitude Simulation Test (P/B 201)
AMM 36-00-00-860-806	Remove Pressure from the Pneumatic System (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1690	Actuators/Deactuators Set - Proximity Sensor
	Part #: 8-758-01 Supplier: 08748 Part #: A27092-106 Supplier: 81205 Opt Part #: A27092-84 Supplier: 81205
SPL-706	Protractor - Thrust Reverser Levers, Digital Readout
	Part #: G76002-19 Supplier: 81205

EFFECTIVITY AKS ALL	SOURCE MRB	LANDING GEAR LOGIC MODULE TO THE A	AWM SYSTEMS 1
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737-600/700/800/900 TASK CARDS

						IAS	K CARDS					
	I	DATE		1	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CAF 31-040-0			
	TAS	K 31	-51-00	-730-802						MECH	IN	
1.		Landing Warning System Test										
	Α.	Ger	neral									
		(1)	any					ne is in a landing config warning horn that you w				
		(2)	gear landi	lever pos	ition sw, the	radio altime 38), the sta	eters, the thrus II warning yaw	gear down lock sensors t lever position switches, damper (SMYD) compu	, the flap			
		(3)			s landing wa		will sound whe	n a gear is not down and	d locked and			
			(a)	thrust lev lever is s	er angle (TL	A) that is le	ss than 21 deg	when one thrust lever is prees of thrust, while the of thrust and the radio a	other thrust			
							d with the horn and 800 feet.	cutout switch only when	n the radio			
			(b)	less than	21 degrees	of thrust an	d the other TL	o 25 units with one of the A is at less than 34 degr n cutout switch.	I			
				NOTE:	Γhe thrust le	ver settings	are different de	uring a one engine landi	ng.			
			(c)					s. The position of the TL	As does not			
	В.	Pre	pare f	or the Tes	st							
		SUBT	ASK 31-51	1-00-860-004								
		(1)	Do tl	his task: S	Supply Electr	ical Power,	AMM TASK 24	-22-00-860-811.				
				1-00-860-141								
		(2)	Ope	n these ci	rcuit breaker	s and instal	I safety tags:					
					cal System	-	1					
			Rov		Number	Name	N MA DA I					
			В	7	C00629	GND PRO	X WARN					
			CAP		cal System	Panel, P18-	2					
			Rov		<u>Number</u>	<u>Name</u>						
			В	4	C01003		THRUST RE					
			B B	5 6	C00276 C01412			VERSER CONT VERSER INTLK				
			В	7	C01266			VERSER SYNC LOCK				
				CTIVITY		SOURCE MRB		AR LOGIC MODULE TO T	HE AWM SYSTI	EMS	1	
			7111	- / 		IVIIXE	D633A109-AK	s		ge 2 (

31-040-00-01

Jun 15/2015



DATE	TAIL NUMBER		AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CAI 31-040-0	G CARD NO. 40-00-01	
								МЕСН	INSF
			al System P		3				
	Row	<u>Col</u>	<u>Number</u>	<u>Name</u>					
			26, 028-999	ANTLICE	9 DAIN ENG 4	9 MAINIC CONT			
	AKS	6	C00148	ANTI-ICE	& RAIN ENG I	& WING CONT			
	ANS U	25, 027 6	C00148	ANTLICE.	RAIN ENG 1/M	/ING CONT-ICE DET			
		-	26, 028-999	ANTIFIOL	TVAIN LING 1/VI	AINO OONT-IOL DET			
	В	6		ANTI-ICE	& RAIN ENGIN	E 2 CONTROL			
	AKS 0	25, 027							
	В	6	C00149	ANTI-ICE-	RAIN ENG 2/C	ONT & ICE DET			
	F/O EI	lectrical	System Pan	nel, P6-1					
	Row	<u>Col</u>	Number	<u>Name</u>					
	AKS A	LL							
	D	13	C00120	WEATHER	R RADAR RT				
	F/O EI	lectrical	System Pan	nel, P6-2					
	Row	<u>Col</u>		<u>Name</u>					
	С	5				ERSER SYNC LOCK			
	С	6			THRUST REV				
	C C	7 8			? THRUST REV ? THRUST REV				
	C	0	C01004	ENGINE 2	TINKUST KEV	ERSEK IND			
			System Pan						
	Row			Name					
	С	18	C01398	LANDING	GEAR TAKEO	FF WARNING CUTOFF			
	ASK 31-51-0								
(3)		Use one of the methods below to set the thrust levers:							
	NOTE: The value that shows on the digital protractor is measured in thrust lever angle (TLA).								
	NOTE	: The va	alue that shov	vs on the C	DU is measure	d in thrust resolver angle	(TRA).		
	(a) I	nstall a t	hrust reverse	er levers, di	gital readout pro	otractor, SPL-706, on the	` '		
			dle = 0 degre		e thrust lever ar	rigie (TLA).			
	_		· ·) value on CDU	to set the thrust levers.			
	` '			• ,	,	on the FMCS CDU:			
		a)	Make sure	that the ap		thrust lever and reverse	thrust lever		
		h)	is at the IDI	•	CS CDIL in the f	flight compartment			
		b) Get access to the FMCS CDU in the flight compartment.c) Press the INIT REF key to show the PERF INIT screen on the FMCS					TMCC		
		c)	CDU.	NII KEF K	ey to snow the r	FERF INIT Screen on the	FIVICS		
	EFFECT AKS			source MRB	LANDING GEA	R LOGIC MODULE TO THE	E AWM SYST	EMS	1
					D633A109-AKS 31-040-00-01	3		ge 3 d n 15/2	



737-600/700/800/900 TASK CARDS

DATE		T/	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-040-		_
		d)	Push these I	ine select	keys (LSK) on t	the FMCS CDU:		MECH	INS
		,	<1> INDE						
			<2> MAIN	T.					
			NOTE	E: This LS	SK causes the M	IAINT BITE INDEX scr	een to show.		
			<3> ENGI	NE.					
			NOTE	_	SK causes the E to show.	NGINE/EXCEED BITE	INDEX		
			<4> ENGI	NE X for	the applicable re	solver.			
			<u>note</u>	to show power CDU w FAULT	v. Also, the ENG to the EEC and vill show INITIAL HISTORY DATA	NGINE X BITE TEST IS INE X LSK automatical causes the EEC to init IZING EEC X, and EE A for a short time, just I MAIN MENU shows.	ally applies ialize. The C SORTING		
		2) Do t	hese steps to	show the	TRA values for	the Engine X thrust lev	/er:		
		a)	Push the INF	PUT MON	IITORING LSK.				
					e the CAUTION 3 to show.	SCREEN OF INPUT			
		b)	Push the CC	NTINUE	LSK.				
		c)	Push the CC	NTROL I	LOOPS LSK.				
			NOTE: This	will caus	e screen 1 of the	e CONTROL LOOPS to	o show.		
		d)	Push the NE	XT PAGE	key two times.				
			NOTE: This	will caus	e screen 3 of the	e CONTROL LOOPS to	o show.		
		e)	Push the TR LOOPS.	A line sel	ect key (LSK) or	screen 3 of the CON	TROL		
					he thrust resolve K, to show.	er angle (TRA) for char	nnels A and		
			NOTE: The	data for t	he channel that	is in control will show f	irst.		
C. Pr	ocedur	е							
	BTASK 31-51								
(1)) Do th	nis task: H	ydraulic Syste	m A or B	Pressurization, <i>F</i>	AMM TASK 29-11-00-8	60-801.		
	BTASK 31-51		trailing adaa f	lane ara ii	n the 1 unit posit	ion			
(2)			0 0	•	nter of the green				
	(a) (b)				DOWN position.				
	(c)		the parking bra		DOWN position.				
	(0)	r tolodoo t	ino parking bro	arco.					
		CTIVITY S ALL		SOURCE MRB	LANDING GEAR AND 2	R LOGIC MODULE TO T	HE AWM SYS	TEMS	1
					D633A109-AKS			age 4	

31-040-00-01

Jun 15/2016



DATE			TAIL NUN	/IBER		STATION	AIRLINE CARD NO.	BOEING CA 31-040-		
								01040	месн	Τ
		1-00-420-016								ŀ
WAF	RNING	LANI CAN	DING G	SEAR. WITH ACT. THIS	T TUOH	HE DOWNLO	ARE INSTALLED ON AIDCK PINS, THE LANDINGES TO PERSONS, AND	G GEAR		
(3)	Set	the landi	ng gea	r lever to th	e OFF _l	position.				
	(a)	Make s	ure the	green and	red NO	SE GEAR Lig	hts are on.			
SUBTA	SK 31-5	1-00-860-158								
(4)	Do t				-	operations:				
	(a)			•			the engine starters.			
		,		cessary, do SK 36-00-0			ressure from the Pneuma	itic System,		
	(b)	Open tl	hese ci	rcuit breake	ers and	install safety t	ags:			
		CAPT	Electri	cal System	Panel,	P18-2				
		Row	Col		Nam					
		A A	1 3	C00458 C00153		INE 1 IGNITION INE 1 IGNITION				
		A	3	C00155	ENG	IINE I IGNITIO	JIN LEFT			
		F/O Ele		l System P						
		Row	Col		Nam					
		D D	4 6	C00459 C00151		INE 2 IGNITION INE 2 IGNITION INE 2 IGNITION INC.				
		D	O	000101	LIVO	IIVE Z IOIVITIO	SIV LLI I			
				I System P						
		Row B	3	Number C00360	Nam	<u>e</u> L SPAR VALV	E ENC 2			
		В	4	C00350		L SPAR VALV L SPAR VALV				
	(c)	Set the	two er	ngine start l	evers to	the IDLE pos	sition.			
	()			-		es before proc				
SUBTA	SK 31-5	, 1-00-860-122				·	· ·			
WAF	RNING	RADA CAUS OF T	AR SY: SE THE HIS SY	STEM. THE E AUTOMA 'STEM CAI	FORW TIC OPI N CAUS	ARD MOVEN ERATION OF SE SERIOUS I	JIT BREAKER FOR THE MENT OF A THRUST LEV THE SYSTEM. THE OP INJURY TO PERSONS A F THE NOSE RADOME.	/ER CAN ERATION IND		
(5)	Mov	e the thr	ust lev	ers No. 1 a	nd 2 to t	he full forward	d thrust position.			
		1-00-480-001								
(6)					-		SPL-1690, between the s r not down condition:	ensor and		
	(a)	The #1	nose g	gear down s	sensor, S	S845				
	(b)	The #2	nose g	gear down s	sensor, S	S853.				
		ECTIVITY			SOURCE	I ANDING GE	AR LOGIC MODULE TO T	HE AWM SVST	LEMS	,

EFFECTIVITY AKS ALL	SOURCE MRB	LANDING GEAR LOGIC MODUL AND 2	E TO THE AWM SYSTEMS 1
		D633A109-AKS 31-040-00-01	Page 5 of 12 Jun 15/2016



737-600/700/800/900 TASK CARDS

DATE TAIL NUMBER STATION AIRLINE CARD NO BOEING CARD NO 31-040-00-01 MECH INSP SUBTASK 31-51-00-210-001 Make sure the red and green NOSE GEAR lights go off. NOTE: If the red and green NOSE gear lights do not go off, add additional deactuators as necessary until the lights go out. SUBTASK 31-51-00-750-050 Do a radio simulation of 700ft at the no.1 radio altimeters. To do the radio altitude simulation, do this task: Radio Altitude Simulation Test, AMM TASK 34-33-00-700-801. SUBTASK 31-51-00-750-071 (9) Open these circuit breakers and install safety tags: F/O Electrical System Panel, P6-1 Row Col Number Name 16 C01385 RADIO NAVIGATION RADIO ALTM 2 Α F/O Electrical System Panel, P6-2 Row Col Number Name В 3 C01046 AFCS SYS B FCC DC SUBTASK 31-51-00-750-051 WARNING: MAKE SURE THAT YOU OPEN THE CIRCUIT BREAKER FOR THE WEATHER RADAR SYSTEM. THE FORWARD MOVEMENT OF A THRUST LEVER CAN CAUSE THE AUTOMATIC OPERATION OF THE SYSTEM. THE OPERATION OF THIS SYSTEM CAN CAUSE SERIOUS INJURY TO PERSONS AND DAMAGE TO EQUIPMENT IN THE AREA OF THE NOSE RADOME. Set thrust lever no. 1 to between 29.5 and 30.5 degree TLA, or 60.5 and 61.5 degree TRA. SUBTASK 31-51-00-750-001 Move the thrust lever no. 2 to the idle position. Make sure the continuous horn comes on when the TLA is approximately less than 20 degree TLA (+/- 0.5 degree), or 52 degree TRA (+/- 0.5 degree) forward of idle. SUBTASK 31-51-00-750-052 Push the horn cutout switch. (a) Make sure the continuous horn stops. SUBTASK 31-51-00-750-053 (13) Move the thrust levers no. 1 and 2 to the full forward thrust position. SUBTASK 31-51-00-750-054 Set thrust lever no. 2 to between 29.5 and 30.5 degree TLA, or 60.5 and 61.5 degree TRA. SUBTASK 31-51-00-750-003 Move the thrust lever no. 1 to the idle position. Make sure a continuous horn comes on when the TLA is approximately less than 20 degree TLA (+/- 0.5 degree), or 52 degree TRA (+/- 0.5 degree) forward of idle. **FFFFCTIVITY** SOURCE LANDING GEAR LOGIC MODULE TO THE AWM SYSTEMS 1 **AKS ALL MRB** AND 2

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737-600/700/800/900 TASK CARDS

DATE		1	TAIL NUMBER		STATION	AIRLINE CARD NO.	31-040-	
SURT	ASK 31-51-00	1-750-004						MECH
(16)			cutout switc	:h.				
()			re the contin		stops.			
SUBTA	\				•			
(17)			st lever no. 1	to the full f	orward thrust p	osition.		
SUBTA	ASK 31-51-00)-860-162						
(18)	Set thr TRA.	ust leve	er no. 2 to be	tween 29.5	and 30.5 degre	e TLA, or 60.5 and 61.	5 degree	
SUBTA	ASK 31-51-00)-860-163						
(19)	Set the	e radio a	altitude simul	lation test se	et to an altitude	that is less than 200 ft	•	
SUBTA	ASK 31-51-00)-860-164						
(20)			lever no. 1 to A (+/- 0.5 de		that is less thar	n 20 degree TLA (+/- 0.	5 degree), or	
	(a) N	/lake su	re a continuo	ous horn cor	mes on.			
	ASK 31-51-00							
(21)			cutout switc					
	(a) N	/lake su	re the contin	uous horn s	stays on.			
	ASK 31-51-00							
(22)					orward thrust po	osition.		
	(a) N	/lake su	re a continuo	ous horn sto	pps.			
	ASK 31-51-00		. 6 . (
(23)					se circuit break	ers:		
	_		System Pa					
	Row A	<u>Col</u> 16	Number C01385	Name	AVIGATION RA	DIO ALTM 2		
	А	10	C01303	KADIO IV	AVIGATION RA	DIO ALTIVI Z		
	F/O EI	ectrical	l System Pa	nel, P6-2				
	Row	<u>Col</u>	<u>Number</u>	<u>Name</u>				
	В	3	C01046	AFCS SY	S B FCC DC			
SUBTA	ASK 31-51-00							
(24)						ters. To do the radio alt		
			this task: Ra	adio Allitude	Simulation les	t, AMM TASK 34-33-00)-700-80 I	
	ASK 31-51-00		rouit brooker	e and inetal	Leafaty tage:			
(25)	•				I safety tags:			
	_		cal System		-1			
	Row B	<u>Col</u> 4	Number C01384	Name	AVIGATION RA	DIO ΔΙ ΤΜ 1		
	D	2			S A FCC DC	DIO ALIM I		
	EFFECT	IVITY		SOURCE	I ANDING GEA	R LOGIC MODULE TO 1	HF AWM SYST	rem«
	AKS			MRB	AND 2	IN LOCIO MODULE TO I		
					D633A109-AKS	5		age 7

31-040-00-01

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DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C 31-040		
SUBT	ASK 31-51	-00-860-129					MECH	INSF
WA	RNING	RADAR SYSTEM. T CAUSE THE AUTOM OF THIS SYSTEM O	HE FORW MATIC OP CAN CAUS	/ARD MOVEME ERATION OF T SE SERIOUS IN	T BREAKER FOR THE ENT OF A THRUST LEV THE SYSTEM. THE OPE IJURY TO PERSONS A THE NOSE RADOME.	ER CAN ERATION		
(26)	Set t	hrust lever no. 1 to betv			e TLA, or 60.5 and 61.5	degree		
SURT	ASK 31-51	-00-750-073						
(27)		e the thrust lever no. 2 t	o the idle	position.				
` /	(a)	Make sure the continue	ous horn d	comes on when	the TLA is approximatel RA (+/- 0.5 degree) forwa	•		
SUBT	ASK 31-51	-00-730-007						
(28)	Push	the horn cutout switch						
	(a)	Make sure the continue	ous horn s	tops.				
SUBT	ASK 31-51	-00-860-130						
(29)	Move	e the thrust levers no. 1	and 2 to t	he full forward t	hrust position.			
SUBT	ASK 31-51	-00-860-131						
(30)	Set t		veen 29.5	and 30.5 degre	e TLA, or 60.5 and 61.5	degree		
SUBT	ASK 31-51	-00-750-074						
(31)	Move	e the thrust lever no. 1 t	o the idle	position.				
	(a)				e TLA is approximately (+/- 0.5 degree) forward			
SUBT	ASK 31-51	-00-750-075						
(32)	Push	the horn cutout switch						
	(a)	Make sure the continue	ous horn s	tops.				
SUBT	ASK 31-51	-00-860-167						
(33)	Move	e the thrust lever no. 1 t	o the full f	orward thrust po	osition.			
suвт. (34)			veen 29.5	and 30.5 degre	e TLA, or 60.5 and 61.5	degree		
SUBT	ASK 31-51	-00-860-169						
(35)	Set t	he radio altitude simula	tion test se	et to an altitude	that is less than 200 ft.			
SUBT	ASK 31-51	-00-860-170						
(36)		he thrust lever no. 1 to a egree TRA (+/- 0.5 degr	•	that is less thar	n 20 degree TLA (+/- 0.5	degree), or		
	(a)	Make sure a continuou	ıs horn coı	mes on.				
SUBT	ASK 31-51	-00-860-171						
(37)	Push	the horn cutout switch						
		OTIVITY I	00112.22	I				<u> </u>
	EFFE	CTIVITY	SOURCE	LANDING GEA	R LOGIC MODULE TO TH	1∟ AWM SYS	I LIMS	1



737-600/700/800/900 **TASK CARDS**

DATE			TA	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-040		
	(a)	Mak	e sur	e the contin	uous horn s	tavs on.			MECH	INSF
SURTA	` ,	1-00-860-				,				
(38)				t lever no. 1	to the full for	orward thrust po	sition.			
,	(a)				ous horn sto	•				
SURTA	()	1-00-860-				P 0.				
(39)				cuit breaker	s and instal	safety tags:				
()				System Pa		, 0				
	Rov		Col	Number	Name					
	A		16	C01385		VIGATION RAI	DIO ALTM 2			
	_			System Pa						
	Rov		Col	Number	Name					
	В		3	C01046	AFCS SYS	S B FCC DC				
		1-00-750-								
(40)	Set t		lever	no. 2 to be	tween 29.5	and 30.5 degree	e TLA, or 60.5 and 61.	5 degree		
	(a)	Mov	e the	thrust lever	no. 1 to the	idle position.				
		1)	Mak	e sure the h	norn does no	ot come on.				
	(b)	Mov	e the	thrust lever	no. 1 to the	full forward pos	sition.			
SUBTA	ASK 31-5	1-00-750-	-056							
(41)	Mov	e the	trailin	ng edge flap	s to the 15 i	unit position.				
SUBTA	ASK 31-5	1-00-750-	-040							
(42)	Mov	e thru	ıst lev	er no. 1 to	the idle posi	tion.				
	(a)						the TLA is less than 20 ee) forward of idle.	degree TLA		
SUBTA	ASK 31-5	1-00-750-	-063							
(43)	Push	h the I	horn (cutout switc	:h.					
	(a)	Mak	e sur	e the contin	uous horn s	tays on.				
SUBTA	ASK 31-5	1-00-860-	-013							
(44)	Mov	e the	thrus	t lever no. 1	to the full for	orward thrust po	sition.			
	(a)	Mak	e sur	e the contin	uous horn s	tops.				
SUBTA	ASK 31-5	1-00-860-	-099							
(45)	Mov	e thru	ıst lev	er no. 2 to	the full forwa	ard thrust position	on.			
SUBTA	ASK 31-5	1-00-860-	-179							
(46)	Rem	nove t	he sa	ıfety tags ar	nd close the	se circuit breake	ers:			
	CAP	T Ele	ctric	al System	Panel, P18-	1				
	Rov		<u>Col</u>	<u>Number</u>	<u>Name</u>					
	В		4	C01384	RADIO NA	VIGATION RAI	DIO ALTM 1			
	D		2	C01045	AFCS SYS	S A FCC DC				
		ECTIVITY			SOURCE	LANDING GEAI	R LOGIC MODULE TO T	HE AWM SYS	 TEMS	1
	AK	S ALL			MRB	AND 2				
						D633A109-AKS		P	age 9	of 1:



737-600/700/800/900 TASK CARDS

DATE TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD NO 31-040-00-01 MECH INSP F/O Electrical System Panel, P6-1 Number Row Col C01385 Α 16 RADIO NAVIGATION RADIO ALTM 2 F/O Electrical System Panel, P6-2 Row Col Number Name В 3 C01046 AFCS SYS B FCC DC SUBTASK 31-51-00-860-174 WARNING: MAKE SURE THAT ALL PERSONS AND EQUIPMENT ARE CLEAR OF THE CONTROL SURFACES AND LANDING GEAR DOOR AREAS. THE CONTROL SURFACES. THE LANDING GEAR. AND THE LANDING GEAR DOORS CAN MOVE WHEN YOU DO THE AIR MODE SIMULATION. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT. Use the PSEU BITE panel to set SYS 1 and SYS 2 to the air mode. To set SYS 1 and SYS 2 to the air mode, do this task; Put the Airplane in the Air Mode, AMM TASK 32-09-00-860-801. SUBTASK 31-51-00-860-014 (48)Move the trailing edge flaps to any position that is greater than 25 units. Make sure the continuous horn comes on when the trailing edge flaps go past 25 units. SUBTASK 31-51-00-750-008 Move the thrust lever no. 1 to the idle position. Make sure the continuous horn stays on. SUBTASK 31-51-00-750-058 Move the thrust lever no. 2 to the idle position. (a) Make sure the continuous horn stays on. SUBTASK 31-51-00-750-009 (51) Push the horn cutout switch. (a) Make sure the continuous horn stays on. SUBTASK 31-51-00-750-059 (52) Move the thrust lever no. 1 and 2 to the full forward thrust position. SUBTASK 31-51-00-750-060 Move the trailing edge flaps to the 1 unit position. Make sure the continuous horn has stopped when the trailing edge flaps are at 25 units. Put the Airplane Back to Its Usual Condition SUBTASK 31-51-00-860-177 (1) Set the two engine start levers to the CUT OFF position. SUBTASK 31-51-00-860-176 Move the trailing edge flaps to the 0 units position. **FFFFCTIVITY** SOURCE LANDING GEAR LOGIC MODULE TO THE AWM SYSTEMS 1 **AKS ALL MRB** AND 2



DATE		1	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CARD NO 31-040-00-01		
SIIRT	ASK 31-51-0	00-860-107			l l			MECH	INSP
(3)			lvdraulic Svs	stem A or B	Power Removal	, AMM TASK 29-11-00-	860-805.		
()	ASK 31-51-0		.,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
(4)			eactuator fro	m these sw	itches:				
(' '			ose gear do						
	` ,		ose gear do						
QUET	ASK 31-51-0		osc gcar do	WII SCIISOI, V	3000.				
(5)	Use thand S	ne PSEU YS 2 to	•	node, do this		the ground mode. To so the Airplane to the Groun			
SUBT	ASK 31-51-0	0-480-007							
(6)	Set th	e landin	g gear lever	to the DOW	N position.				
SUBT	ASK 31-51-0	00-420-003							
(7)	Move	the thrus	st levers no.	1 and 2 to t	he idle position.				
SUBT	SUBTASK 31-51-00-420-002								
(8)	(8) Remove the thrust reverser levers, digital readout protractor, SPL-706, if installed.								
SUBT	SUBTASK 31-51-00-420-005								
(9)	(9) Remove the radio altimeter test set. To remove it, do this task: Radio Altitude Simulation Test, AMM TASK 34-33-00-700-801.								
SUBT	SUBTASK 31-51-00-860-173								
(10)	(10) Remove the safety tags and close these circuit breakers:								
	CAPT	Electric	cal System	Panel, P18-	1				
	Row	<u>Col</u>	<u>Number</u>	<u>Name</u>					
	В	7	C00629	GND PRO	X WARN				
	CADT	- Electric	aal Cyatam	Danal D10	2				
	Row		cal System Number	Name	-2				
	A	1	C00458		IGNITION RIG	HT			
	Α	3	C00153		IGNITION LEF				
	В	4	C01003		THRUST REVI				
	В	5	C00276		THRUST REV				
	В	6	C01412		THRUST REVI				
	В	7	C01266	ENGINE 1	THRUSTREVE	ERSER SYNC LOCK			
	CAPT	Electric	cal System	Panel, P18-	3				
	Row		Number	Name					
		·	26, 028-999						
	Α	6	C00148	ANTI-ICE	& RAIN ENG 1	& WING CONT			
	AKS 0	25, 027							
	Α	6	C00148	ANTI-ICE-	RAIN ENG 1/W	ING CONT-ICE DET			
	AKS 0	01-024, 0	026, 028-999						
	EFFEC AKS			SOURCE MRB	LANDING GEAF AND 2	R LOGIC MODULE TO TI	HE AWM SYS	TEMS	1
					D633A109-AKS 31-040-00-01			ge 11 d un 15/2	



	DATE TAIL NUMBER		STATION	STATION AIRLINE CARD NO. BOEING 31-04					
	AKS 001-024, 026, 028	-999 (Co	ontinued)	'				MECH	INSP
	(Con	tinued)							
	,	,	cal System P	anel. P18-	.3				
	Row	Col	_	Name					
	В	6	C00149	ANTI-ICE	& RAIN ENGIN	E 2 CONTROL			
ı	AKS 02	25, 027							
	В	6	C00149	ANTI-ICE-	-RAIN ENG 2/C	ONT & ICE DET			
			System Par						
	Row		<u>Number</u>	<u>Name</u>					
I	AKS A	LL 13	C00120	\^/E ^TLIE!					
	D	13	C00120	WEATHER	R RADAR RT				
			System Par						
	Row	Col	Number	<u>Name</u>					
		C 5 C01267 ENGINE 2 THRUST REVERSER SYNC LOCK C 6 C01413 ENGINE 2 THRUST REVERSER INTLK							
	С	6	C01413						
	C C	7 8		ENGINE 2 THRUST REVERSER CONT ENGINE 2 THRUST REVERSER IND					
	D	4		ENGINE 2 IGNITION RIGHT					
	D	6	C00151						
	F/O FI	lectrical	System Par	nel P6-3					
	F/O Electrical System Panel, P6-3 <u>Row Col Number Name</u>								
	 B	3		FUEL SPAR VALVE ENG 2					
	В	4			AR VALVE ENG				
	С	18	C01398	LANDING	GEAR TAKEOR	FF WARNING CUTOFF			
	SUBTASK 31-51-00	0-860-019							
	(11) Do this	s task: R	Remove Elect	rical Power	, AMM TASK 24	-22-00-860-812.			
				- END OF	TASK ——				
-	EFFECT AKS			SOURCE MRB	LANDING GEAL AND 2	R LOGIC MODULE TO TH	IE AWM SYS	ΓEMS	1
					D633A109-AKS 31-040-00-01			ge 12 d un 15/	





737-600/700/800/900 TASK CARDS

AIRLINE	AIRLINE CARD NO		TITLE NING FOR THE AL	BOEING CARD NO. 31-050-00-01			
DATE	TASK FUNCTIONAL		SYSTEM		RELATED CARD		
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 6000 FH	REPEAT 6000 FH	APPLICABILITY AIRPLANE ENGINE		
STATION	SKILL AIRPL				ALL	ALL	
		ACCESS			ZONE 211 212		

Functional check of the take off warning system. This task tests: Trailing edge and leading edge flap, thrust lever, upper and lower stabilizer trim limit, ground spoiler pressure, speed brake, park brake and ground spoiler bypass valve switches for the aural warning module (AWM).

A. References

Reference	Title
AMM 10-11-05 P/B 201	CHOCK INSTALLATION
AMM 21-33-00-000-801	Cabin Altitude Warning Switch Functional Test (P/B 501)
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 29-11-00-860-801	Hydraulic System A or B Pressurization (P/B 201)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 32-09-00-860-801	Put the Airplane in the Air Mode (P/B 201)
AMM 32-09-00-860-802	Return the Airplane to the Ground Mode (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
SPL-1690	Actuators/Deactuators Set - Proximity Sensor
	Part #: 8-758-01 Supplier: 08748 Part #: A27092-106 Supplier: 81205 Opt Part #: A27092-84 Supplier: 81205
SPL-706	Protractor - Thrust Reverser Levers, Digital Readout Part #: G76002-19 Supplier: 81205
	Fait #. G70002-19 Supplier. 01203

EFFECTIVITY AKS ALL	SOURCE MRB	TAKEOFF WARNING FOR THE AURAL WARNING SYSTE		
		D633A109-AKS 31-050-00-01	Page 1 of 11 Oct 15/2015	



737-600/700/800/900 TASK CARDS

1. Takeoff Warning System Test A. General (1) TAKEOFF CONFIG indicator lights are installed on the captains instrument panel, P1-3, and the first officer's instrument panel, P3-1. They will come on when the takeoff warning horn comes on. (2) The takeoff warning system will come on if the airplane is not in a takeoff configuration and you move the thrust levers forward for takeoff. The takeoff warning horn that you will hear is intermittent. (3) The parking brake is released during the takeoff warning test. This prevents the parking brake function of the takeoff warning horn from overriding the tests. Put chocks on the landing gear wheels. (4) The intermittent takeoff warning horn will sound when the airplane is on the ground and you move one or both of the thrust levers forward for takeoff and at least one of these conditions exist: (a) The stabilizer is not in the green band (b) The trailing edge flaps are at less than 1 unit or more than 25 units (c) The leading edge flaps/slats are not in the extend or full extend position, or are in a UCM condition (d) The parking brake is set (f) The parking brake is set (f) The ground spoilers are not down (5) The intermittent takeoff warning horn will also sound when the airplane is in the air and all of the conditions below exist: (a) The ground spoiler valve is not closed (b) The leading edge flaps are not extended (c) Make sure that this circuit breaker is closed: F/O Electrical System Panel, P6-3 Row Col Number Name C 18 C01398 LANDING GEAR TAKEOFF WARNING CUTOFF (6) The takeoff warning system has these inputs: (a) A left throttle forward input from the left autothrottle switchpack, M1767 (c) Ground spoiler interlock valve, S1050 (e) A logic input from the flap/slat electronics unit, M1746 (f) The airplane nose up (stabilizer leading edge down) switches, S132 & S1184 (h) The airplane nose down (stabilizer leading edge up) switches, S546 & S1183	RD NO. 00-01	
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EFFECTIVITY AKS ALL SOURCE MRB TAKEOFF WARNING FOR THE AURAL WARNING SYS	STEM	

D633A109-AKS

31-050-00-01

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737-600/700/800/900 **TASK CARDS**

	DATE		Т	AIL NUMBER		STATION	AIRLINE CARD NO.	31-050-		
		(i) A	A parking	brake input.					MECH	INS
В.	Pre	oare fo	r the Tes	st						
		SK 31-51-0								
	(1)	Do thi	s task: S	upply Electric	cal Power,	AMM TASK 24-2	22-00-860-811.			
	SUBTA	SK 31-51-0	0-860-022							
	(2)	Use th	ne PSEU				e ground mode. To set to the Ground Mode, Al	•		
				0-860-802.	iask. Netu	in the Allplane t	o the Ground Mode, Al	IVIIVI		
	SUBTA	SK 31-51-0								
	(3)	Install	chocks	on the landin	g gear whe	els (CHOCK IN	STALLATION, AMM 10	-11-05/201).		
	SUBTA	SK 31-51-0	0-860-111							
	(4)	Open	these cir	cuit breakers	and install	l safety tags:				
		CAPT Row		al System P Number	Panel, P18- Name	2				
		В	4	C01003		I THRUST REV	FRSFR IND			
		В	5	C00276		THRUST REV				
		В	6	C01412		THRUST REV				
		В	7	C01266	ENGINE 1	THRUST REV	ERSER SYNC LOCK			
		CAPT		cal System P		3				
		Row	<u>Col</u>	<u>Number</u>	<u>Name</u>					
		AKS 0	01-024, 0	26, 028-999						
		Α	6	C00148	ANTI-ICE	& RAIN ENG 1	& WING CONT			
			25, 027	000440		5401516464	"NO CONT. LOT DET			
		A	6	C00148	ANTI-ICE-	-RAIN ENG 1/W	ING CONT-ICE DET			
		AKS U	01 -024 , 0 6	26, 028-999 C00149	ANTI ICE	& RAIN ENGIN				
			25, 027	C00149	ANTI-ICE	& RAIN ENGIN	E 2 CONTROL			
		B	6	C00149	ANTI-ICE-	-RAIN FNG 2/C	ONT & ICE DET			
						10 1 2.10 2,0	0111 0102 021			
		Row		System Par Number	nei, P6-1 Name					
				Number	<u>ivallie</u>					
		AKS A	13	C00120	WEATHER	R RADAR RT				
		F/O E	lectrical	System Par	nel, P6-2					
		Row	<u>Col</u>	Number	<u>Name</u>					
		С	5	C01267			ERSER SYNC LOCK			
		С		C01413		THRUST REV				
		С		C00277		THRUST REV				
		С	8	C01004	ENGINE 2	THRUST REV	ERSER IND			
		EFFECT AKS			SOURCE MRB	TAKEOFF WAR	NING FOR THE AURAL	WARNING SY	STEM	
						D633A109-AKS 31-050-00-01			age 3 d un 15/2	



737-600/700/800/900 **TASK CARDS**

DATE	TA	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C		
SUDTASV 24 F4 0	0.420.044						MECH	INSP
(5) Use or		methods belo	w to set t	he thrust levers:	:			
NOTE	: The va (TLA).	lue that show	s on the d	igital protractor	is measured in thrust le	ever angle		
NOTE		lue that show	s on the C	DU is measure	d in thrust resolver ang	le (TRA).		
1 ' '				gital readout pro e thrust lever ar	otractor, SPL-706, on th	e thrust		
		lle = 0 degree			1910 (12) 17.			
_		•) value on the C	DU to set the thrust lev	ers.		
, ,			• ,	,	on the FMCS CDU:			
	, a)	-	nat the ap		thrust lever and reverse	e thrust lever		
	b)		•	CS CDU in the f	light compartment.			
	c)				PERF INIT screen on th	e FMCS		
	d)	Push these I	ine select	keys (LSK) on	the FMCS CDU:			
		<1> INDE	X.					
		<2> MAIN	T.					
		NOTE	E: This LS	SK causes the M	MAINT BITE INDEX scre	een to show.		
		<3> ENGI	NE.					
		NOTE	_	SK causes the E to show.	NGINE/EXCEED BITE	INDEX		
		<4> ENGI	NE X for t	he applicable re	esolver.			
		<u>note</u>	to show power CDU w FAULT	v. Also, the ENG to the EEC and rill show INITIAL HISTORY DATA	ENGINE X BITE TEST MAINE X LSK automatica causes the EEC to initiple. IZING EEC X, and EEC A for a short time, just be MAIN MENU shows.	lly applies alize. The C SORTING		
	2) Do t	hese steps to	show the	TRA values for	the Engine X thrust lev	er:		
	a)	Push the INI	PUT MON	IITORING LSK.				
				e the CAUTION 3 to show.	SCREEN OF INPUT			
	b)	Push the CC	NTINUE	LSK.				
	c)	Push the CC	NTROL L	OOPS LSK.				
		NOTE: This	will cause	e screen 1 of the	e CONTROL LOOPS to	show.		
	d)	Push the NE	XT PAGE	key two times.				
		NOTE: This	will cause	e screen 3 of the	e CONTROL LOOPS to	show.		
EFFECT AKS			SOURCE MRB	TAKEOFF WAR	NING FOR THE AURAL	WARNING SY	STEM	
				D633A109-AKS 31-050-00-01			age 4 un 15/	



					IAS	ok CARDS					
D	ATE		T/	AIL NUMBER		STATION	AIRLINE CAF	RD NO.	BOEING C.		
			e)	Push the TRA	line se	lect key (LSK) o	n screen 3 of	the CONT	ROL	MECH	IN
						the thrust resolve X, to show.	er angle (TRA) for chan	nels A and		
					Ū	the channel that	is in control w	vill show fi	rst.		
	SUBTA	SK 31-51	-00-750-083								
	(6)	Do th	nis task: C	abin Altitude W 0-000-801.	arning S	Switch Functiona	l Test, AMM				
	SUBTA	SK 31-51	-00-860-108								
	WAF	RNINC	SURFA COMP(CES, THRUST ONENTS CAN R. IT CAN CAU	REVER	PMENT CLEAR RSERS, AND TH SUDDENLY WH JRIES TO PER:	IE LANDING (EN YOU SUP	GEAR. TH	RAULIC		
	(7)	Do th	nis task: H	ydraulic Systen	n A or B	Pressurization,	AMM TASK 29	9-11-00-86	60-801.		
	SUBTA	SK 31-51	-00-860-102								
	(8)	Do th	nese steps	to set the airpl	ane in t	he takeoff config	uration:				
		(a)	Move the	trailing edge fla	aps to th	ne 15 unit positio	n.				
		(b)	Set the st	abilizer within 1	I unit ce	nter of the gree	n band.				
		(c)	Set the sp	oeed brake leve	er to the	DOWN position					
		(d)	Release t	he parking bral	kes.						
		(e)	Set the th	rust lever no. 2	to the i	dle position.					
		WAF	W LE TI PI	EATHER RADA EVER CAN CAI HE OPERATION	AR SYS USE TH N OF TH	OPEN THE CII TEM. THE FOR E AUTOMATIC HIS SYSTEM CA BE TO EQUIPMI	WARD MOVE OPERATION AN CAUSE SE	EMENT OF OF THE S ERIOUS II	FATHRUST SYSTEM. NJURY TO		
		(f)	Set the th	rust lever no. 1	to the f	ull forward thrus	t position.				
C.	Prod	edur	е								
	SUBTA	SK 31-51	-00-750-064								
	(1)	Do th	nese steps	to do a test of	the auto	othrottle inputs to	the takeoff w	arning sy	stem:		
		(a)	Make sur	e you did the P	repare f	or Test.					
		(b)	Set the pa	arking brakes.							
			1) Mak	e sure the inter	rmittent	horn comes on.					
			,			FF CONFIG ligh Officer's instrum					
		(c)	Move the	thrust lever no	. 1 to the	e idle position.					
			,			horn stops where 52 degree TRA			oximately		
		EFFE	CTIVITY		SOURCE	TAKEOFF WAR	NING FOR TH	E AURAI \	NARNING SY	STFM	



737-600/700/800/900 TASK CARDS

			IAS	K CARDS				
DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C.		
	2)				nts on the Captain's insent panel, P3-1, go off.	trument	MECH	INS
<u>WA</u>	RNIN	WEATHER RAD LEVER CAN CA THE OPERATION	DAR SYST AUSE THE DN OF TH	TEM. THE FOR E AUTOMATIC IIS SYSTEM CA	RCUIT BREAKER FOR WARD MOVEMENT O OPERATION OF THE AN CAUSE SERIOUS I ENT IN THE AREA OF	F A THRUST SYSTEM. NJURY TO		
(d)	Mov	ve the thrust lever n	o. 2 to the	full forward thr	ust position.			
	1)				when the thrust lever is RA) forward of idle.	greater than		
	2)				nts on the Captain's ins ent panel, P3-1, come o			
(e)	Mov	ve the thrust lever n	o. 2 to the	idle position.				
	1)			-	then the thrust lever is degree TRA) forward	of idle.		
	2)			•	nts on the Captain's insent panel, P3-1, go off.	trument		
(f)	Rele	ease the parking bra	akes.					
(g)	Mov	e the thrust lever n	o. 1 to the	full forward thr	ust position.			
SUBTASK 31-5	51-00-750)-065						
(2) Do 1	these	steps to do a test o	of the trailing	ng edge flaps ir	put to the takeoff warn	ing system:		
(a)		e airplane is not in t t that put the airplan		-	do the steps in the Pre ration.	pare for the		
(b)	Mov	e the trailing edge	flaps to the	e 0 unit positior	١.			
	1)				nts on the Captain's ins ent panel, P3-1, come o			
	2)	Make sure the inte	ermittent h	norn comes on.				
		NOTE: The interr transit.	mittent hor	n can sound w	hen the leading edge fl	aps are in		
(c)	Mov	e the thrust lever n	o. 1 to the	idle position.				
	1)	Make sure the inte	ermittent h	norn stops.				
	2)			•	nts on the Captain's insent panel, P3-1, go off.	trument		
(d)		ve the trailing edge to detent).	flaps to a	position in the t	akeoff range (1, 2, 5, 10	0, 15, or 25		
(e)	Mov	e the thrust lever n	o. 1 to the	full forward thr	ust position.			
	1)	Make sure the inte	ermittent h	norn does not c	ome on.			
	2)			_	nts on the Captain's insent panel, P3-1, do not			
	ECTIVITY		SOURCE MRB	TAKEOFF WAR	RNING FOR THE AURAL	WARNING SY	STEM	

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737-600/700/800/900 TASK CARDS

DATE			TAIL NUMB	ER		STATION	AIRLINE CARD NO.	31-050		
	(f)	Move	the trailin	a edae f	laps to a	position greater	than 25 units.		MECH	INS
	(-)			-	•	norn comes on.				
		,	√ake sure	that the	TAKEOI	FF CONFIG ligh	its on the Captain's ins	trument		
							ent panel, P3-1, come o			
	(g)	Move	the trailin	g edge fl	laps to th	e 15 unit positio	n.			
		,	Make sure			•	n the trailing edge flaps	are in a		
		,				-	nts on the Captain's insent panel, P3-1, go off.	trument		
SUBTA	ASK 31-5	1-00-750-06	6							
(3)			eps to do ning syste		of the pa	arking brake inp	ut and circuit breaker fu	unction to the		
	(a)					f configuration, akeoff configura	do the steps in the Pre tion.	pare for the		
	(b)	Set the	e parking	brakes.						
		1) 1	∕lake sure	the inte	rmittent l	norn comes on.				
							its on the Captain's ins			
							ent panel, P3-1, come o	on.		
	(c)					er is closed:				
		_	lectrical (-						
		Row B		Number C00129			TCH & PRESS WARN			
	(d)	_				tall safety tag:	TICH & FRESS WARN			
	(u)	-								
		Row	lectrical \$ <u>Col</u>	Number						
		D		C00451		DING GEAR AL	JRAL WARN			
		1) N	∕lake sure	the inte	rmittent h	norn stops.				
		,				•	its on the Captain's ins	trument		
		ŗ	anel, P1-	3, and th	ne First C	Officer's instrume	ent panel, P3-1, come o	on.		
	(e)	Remo	ve the sat	fety tag a	and close	this circuit brea	aker:			
		F/O E	lectrical \$	-		6-3				
		Row		Numbe						
		D	18	C00451		DING GEAR AL	JRAL WARN			
		,				norn turns on.				
		,				•	nts on the Captain's ins ent panel, P3-1, come o			
	(f)	Releas	se the pa	rking bra	ıkes.					
		1) N	Make sure	the inte	ermittent h	norn stops.				
		ECTIVITY S ALL			SOURCE MRB	TAKEOFF WAR	NING FOR THE AURAL	WARNING SY	STEM	
						D633A109-AKS	.		age 7	

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737-600/700/800/900 TASK CARDS

DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-050-0		
		,			_	its on the Captain's inst ent panel, P3-1, go off.	rument	MECH	INS
SUBT	ASK 31-5	1-00-750-067	, ,			, , , , ,			
(4)		hese step	s to do a ched	ck of the sp	eed brake hand	lle input to the takeoff w	arning		
	(a)				f configuration, akeoff configura	do the steps in the Preption.	pare for the		
	(b)	Set the s	peed brake h	andle to th	e up position.				
		1) Ma	ke sure the in	termittent h	norn comes on.				
						its on the Captain's insti ent panel, P3-1, come o			
	(c)	Set the s	peed brake h	andle to th	e down position				
		1) Ma	ke sure the in	termittent h	norn stops.				
		2) Ma	ke sure that th	ne TAKEOI	FF CONFIG ligh	ts on the Captain's inst	rument		
		par	nel, P1-3, and	the First C	Officer's instrume	ent panel, P3-1, go off.			
		1-00-750-068							
(5)		•			•	the takeoff warning syst			
	(a)				t configuration, takeoff configu	do the steps in the Prepration.	pare for the		
	(b)			•	ull range of moti				
		,			norn comes on vange by ±1/2 un	when the green band po iit.	ointer is		
		a)				G lights on the Captain' trument panel, P3-1, co			
		,	the stabilizer nose down p		e green band ra	nge by greater than 1 u	ınit toward		
		,	the following put pin:	steps at th	e PSEU BITE p	anel to access the state	of the input		
		a)	Push ON/O	FF to start	PSEU BITE dis	splay.			
		b)	Select OTH	IER FUNC	TIONS MENU.				
			NOTE: Pus	sh the Up a	and Down Arrow	s to move through men	u options.		
		c)	Select I/O N	MONITOR.					
		d)	Select INPL	JTS.					
		e)	Select CON	NN D10982					
			<1> Verif	y D10982	pin 51 is GND.				
		f)	Select CON	NN D10984					
			<1> Verif	y D10984	pin 51 is NO GN	ID.			
		,	the stabilizer nose up posi		e green band ra	nge by greater than 1 u	init toward		
		ECTIVITY S ALL		source MRB	TAKEOFF WAR	NING FOR THE AURAL \	WARNING SYS	STEM	
					D633A109-AKS			ge 8	

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737-600/700/800/900 TASK CARDS

DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-050-		
		,	the following stput pin:	steps at the	e PSEU BITE p	anel to access the state	e of the input	MECH	INSF
		a)		FF to start	PSEU BITE dis	snlav			
		b)			TIONS MENU.	pray.			
		۵)				s to move through mer	nu options		
		c)		•		io to movo unough mor	id optiono.		
		d)							
		e)			_				
		-,			oin 51 is GND.				
		f)							
		,			oin 51 is NO GN	ND.			
		6) Se				of the green band.			
		7) Do				anel to access the state	e of the input		
		a)	Push ON/O	FF to start	PSEU BITE dis	splay.			
		b)	Select OTH	ER FUNC	TIONS MENU.				
			NOTE: Pus	sh the Up a	and Down Arrow	s to move through mer	nu options.		
		c)	Select I/O M	MONITOR.					
		d)	Select INPL	JTS.					
		e)	Select CON	IN D10982					
			<1> Verify	y D10982 _l	oin 51 is NO GN	ND.			
		f)	Select CON	IN D10984					
			<1> Verify	y D10984 _I	oin 51 is GND.				
	(c)	Set the t	hrust lever No	. 1 to the id	dle position.				
	(d)	Set the t	railing edge fla	aps to the (0 unit position.				
SUBT	ASK 31-5	1-00-750-069							
(6)	Do tl air:	hese step	s to do a chec	k of the tal	keoff warning sy	ystem when the airpland	e is in the		
	(a)	Make su	re the thrust le	ever No. 1	is in the idle po	sition.			
	(b)	Make su	re the leading	edge flaps	are in the up p	osition.			
	(c)	and SYS	•	ode, do th		S 2 to the air mode. To s Airplane in the Air Mode			
			or slug the air/	gnd senso	r target far to si	when you use the PSEU mulate air mode. The ir on jacks to simulate ai	nterlock		
		1) Ma	ke sure the int	termittent h	norn comes on.				
		,			_	nts on the Captain's inst ent panel, P3-1, come c			
		CTIVITY		SOURCE	TAKEOFF WAR	NING FOR THE AURAL	WARNING SY	STEM	I
	Δι.,	O ALL		MRB					

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737-600/700/800/900 TASK CARDS

D/	ATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C/ 31-050-		
	(d)	Open this circuit break		, ,			MECH	INSF
	Row Col Number LANDING GEAR TAKEOFF WARNING CUTOFF 1) Make sure the intermittent horn stops. 2) Make sure that the TAKEOFF CONFIG lights on the Captain's instrument panel, P1-3, and the First Officer's instrument panel, P3-1, go off. (e) Remove safety tag and close this circuit breaker: F/O Electrical System Panel, P6-3 Row Col Number Name C 18 C01398 LANDING GEAR TAKEOFF WARNING CUTOFF 1) Make sure the intermittent horn comes on. 2) Make sure that the TAKEOFF CONFIG lights on the Captain's instrument panel, P1-3, and the First Officer's instrument panel, P3-1, come on. (f) Put a steel actuator from the proximity sensor test set, SPL-1690, on the ground spoiler interlock valve sensor, S1050, to simulate that the ground spoiler interlock valve is closed. NOTE: You can also use the pull/push cable, located in the right main landing gear up link, to open and close the ground spoiler interlock valve. When the airplane is on the ground, the interlock valve closes when you push the cable up. The interlock valve opens when you pull the cable down. 1) Make sure the intermittent horn stops. 2) Make sure that the TAKEOFF CONFIG lights on the Captain's instrument panel, P1-3, and the First Officer's instrument panel, P3-1, go off. (g) Use the PSEU Bite panel to return SYS 1 and SYS 2 to the ground mode. To return SYS 1 and SYS 2 to the ground mode, do this task: Return the Airplane to the Ground Mode, AMM TASK 32-09-00-860-802.							
		Ground Mode, AMM T			isk: Return the Airplane	to the		
_	(h)	Remove the actuator.						
D.	SUBTASK 31-5 (1) Rem SUBTASK 31-5 (2) Set : SUBTASK 31-5 (3) Rem SUBTASK 31-5	nove the thrust reverser 1-00-860-035 the parking brakes. 1-00-020-003 nove the chocks from th	levers, dig e landing g	ital readout pro		860-805.		
		ECTIVITY S ALL	source MRB	TAKEOFF WAR	NING FOR THE AURAL		STEM	

31-050-00-01

Oct 15/2015



DATE TAIL NUMBER STATION AIRLINE CARD NO.	BOEING CARD NO. 31-050-00-01
SUBTASK 31-51-00-860-113	MECH INSP
(5) Remove the safety tags and close these circuit breakers:	
CAPT Electrical System Panel, P18-2	
Row Col Number Name	
B 4 C01003 ENGINE 1 THRUST REVERSER IND	
B 5 C00276 ENGINE 1 THRUST REVERSER CONT B 6 C01412 ENGINE 1 THRUST REVERSER INTLK	
B 7 C01266 ENGINE 1 THRUST REVERSER INTER	,
B / CU1200 ENGINE I TIROST REVERSER STINC LOCK	`
CAPT Electrical System Panel, P18-3	
<u>Row Col Number Name</u>	
AKS 001-024, 026, 028-999	
A 6 C00148 ANTI-ICE & RAIN ENG 1 & WING CONT	
AKS 025, 027	
A 6 C00148 ANTI-ICE-RAIN ENG 1/WING CONT-ICE DET	
AKS 001-024, 026, 028-999	
B 6 C00149 ANTI-ICE & RAIN ENGINE 2 CONTROL	
AKS 025, 027	
B 6 C00149 ANTI-ICE-RAIN ENG 2/CONT & ICE DET	
F/O Electrical System Panel, P6-1	
Row Col Number Name	
AKS ALL	
D 13 C00120 WEATHER RADAR RT	
F/O Electrical System Panel, P6-2	
Row Col Number Name	
C 5 C01267 ENGINE 2 THRUST REVERSER SYNC LOCK	(
C 6 C01413 ENGINE 2 THRUST REVERSER INTLK	
C 7 C00277 ENGINE 2 THRUST REVERSER CONT	
C 8 C01004 ENGINE 2 THRUST REVERSER IND	
SUBTASK 31-51-00-860-037	
(6) Do this task: Remove Electrical Power, AMM TASK 24-22-00-860-812.	
——— END OF TASK ———	
EFFECTIVITY SOURCE TAKEOFF WARNING FOR THE AURA	L WARNING SYSTEM
AKS ALL MRB	
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737-600/700/800/900 TASK CARDS

AIRLINI	E CARD NO		TITLE DR DATA REQD PA	BOEING CARD NO. 31-120-00-04 RELATED CARD W-31-130-00-04		
DATE	TASK FUNCTIONAL	CHECK	(INTERFACING S			
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC.	
STATION	SKILL AVION	-			AIRPLANE ALL	ALL ALL
		ACCESS			ZONE 242	
		_				

Download data from flight data recorder (FDR) to check interfacing system output to FDR (off aircraft).

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 25-21-45-400-803-001	Main Ceiling Panel - Installation (P/B 401)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 29-21-00-000-802	Standby Hydraulic System Power Removal (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-12815	Download Unit - Flight Data Recorder
	Part #: 69001074-060 Supplier: 97896 Part #: FDS400-301 Supplier: Z7C70 Opt Part #: PL69001074-001 Supplier: 97896
COM-13695	Cable - Adapter, HHMPI (Honeywell SSDFDR only)
	Part #: FDS400-203 Supplier: Z7C70
COM-13696	Cable - Adapter, HHMPI (Honeywell HFR5-D only)
	Part #: FDS400-232 Supplier: Z7C70
COM-13697	Cable - Adapter, HHMPI (L-3 Comm FA2100 DFDR only)
	Part #: FDS40-0202 Supplier: Z7C70
COM-13750	Cable - Adapter, HHMPI (L-3 Comm F1000 DFDR only)
	Part #: FDS400-201 Supplier: Z7C70
STD-1048	Stepladder - 6 foot (1.83m)

EFFECTIVITY AKS ALL	SOURCE MRB	DOWNLOAD FDR DATA REQD PARAMETERS TO CHECK INTERFACING SYSTEMS	
		D633A109-AKS 31-120-00-04	Page 1 of 6 Feb 15/2016



	ı	DATE			T	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C	ARD NO.	
										31-120	-00-04	
	TAS	K 31	-31-0	0-700-	801						MECH	INSF
1.	Flig	ht Da	ta Re	corde	er - S	ingle State	Analog Dis	crete Parame	eter Test			
	A.	Ger	eral									
		(1)				des the step ne data is do		ameters recor	ded by the Flight Data F	Recorder		
	В.	Pre	pare	for the	tas	k.						
		SUBT	ASK 31-3	31-00-700-	007							
		(1)							4-22-00-860-811.			
		(2)	Put	the flig	ght da	ata recorder	TEST-NOR	MAL switch o	on the P5 panel in the Ti	EST position.		
	C.	Pro	cedu	re								
				31-00-700-0								
		(1)			•				screte signals:			
			(a)		T/FII	RE position	and hold for	at least 4 sec				
				1)	Mak		•		re detection panel, P8, a	are on:		
					a)		handle ligh					
					b)		handle ligh	t				
					c)	Wheel We	•					
					d)	APU fire li	-					
		(2)		h and st 4 sec		-	moke detect	ion and fire su	uppression test button,	P8-75, for at		
			(a)	Make	e sur	e the CARG	O light com	es on.				
		(3)	Do 1	these s	steps	to set the s	tall warning	discrete signa	al:			
			(a)	Push	the	NO. 1 STAL	L WARNIN	G TEST switch	h.			
				1)	Mak	ce sure the c	aptains sha	ker operates.				
			(b)	Push				G TEST switch				
				1)	Mak	e sure the f	rst officers	shaker operat	es.			
		(4)	Do 1	these s	steps	to set the a	pplicable hy	draulic syster	m low pressure discrete	signals:		
			(a)	press	sure,		: Hydraulic		not pressurized. To remo B Power Removal, AMM			
			(b)	press	sure,		: Standby F		ressurized. To remove h em Power Removal, AM			
			(c)	Do th	nese	steps to set	the low hyd	lraulic pressur	re system A engine 1 di	screte signal:		
				1)	Ren S79		ctor D2684 f	rom the syste	m A engine 1 low press	ure switch,		
					a)	Make sure	the ENG 1 nump panel,		SURE light of system A c	on the		
				ECTIVITY			SOURCE MRB	DOWNLOAD INTERFACING	FDR DATA REQD PARAM	METERS TO CH	IECK	1



DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING 0		
	2)	Wait at least 4 se	conds.			1	MECH	INSF
	,			the system A en	gine 1 low pressure sw	itch, S796.		
	,	a) Make sure the ENG 1 LOW PRESSURE light of system A on the hydraulic pump panel, P5, is on.						
(d)	Do th	these steps to set the low hydraulic pressure system B engine 2 discrete signal:						
	,	Remove connector D2686 from the system B engine 2 low pressure switch, S797.						
		,	Make sure the ENG 2 LOW PRESSURE light of system B on the hydraulic pump panel, P5, is off.					
	2)	Wait at least 4 se	conds.					
	3)	Install connector	D2686 to t	the system B en	gine 2 low pressure sw	vitch, S797.		
	·	a) Make sure t			RE light of system B or	n the		
(e)	Do th	ese steps to set t	he standby	y hydraulic pres	sure transmitter discret	e signal:		
WARNING: MAKE SURE THAT PERSONNEL AND EQUIPMENT ARE CLEAR OF ALL CONTROL SURFACES BEFORE YOU SUPPLY HYDRAULIC POWER. AILERONS, RUDDERS, ELEVATORS, FLAPS, SPOILERS, LANDING GEAR, AND THRUST REVERSERS CAN MOVE QUICKLY WHEN YOU SUPPLY HYDRAULIC POWER. THIS CAN CAUSE INJURIES TO PERSONNEL, AND DAMAGE TO EQUIPMENT.								
	,	Make sure the FLT CONTROL hydraulic pressure system switches A and B on the P5 panel are not in the STBY RUD position.						
		Set the FLT CONTROL switch A on the P5 panel to STBY RUD.						
	۷)	a) Make sure the STANDBY HYD low pressure light on the P5 panel is off.						
	NOTE: The STANDBY HYD low pressure light may come on briefly							
					tch is set to STBY RUD			
	3)	Open this circuit I	breaker an	nd install safety	tag:			
		Power Distributi <u>Row</u> <u>Col</u> <u>N</u>	on Panel lumber		!			
		F 2 C	01449	STANDBY HYD	DRAULIC PUMP			
		a) Make sure t	he STAND	BY HYD low pr	essure light on the P5	panel is on.		
	4)	Wait at least 4 se	conds.					
	,				panel to the ON positio	n.		
	6) Remove the safety tag and close this circuit breaker:							
			<u>lumber</u>	Number 2, P92 <u>Name</u>	!			
			01449		DRAULIC PUMP			
` ,		teps to set the ca			-			
(a)	Remo	ove connector D7	76 from th	e cabin pressur	e switch (S128).			
	CTIVITY S ALL		SOURCE MRB	DOWNLOAD FI	OR DATA REQD PARAMI SYSTEMS	ETERS TO CH	IECK	1
				D633A109-AKS 31-120-00-04			Page 3 un 15/	



DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C 31-120		
		(b)	Apply a ground to pin	n A of D776	connector.			MECH	INS
		(- /				ht compartment comes	s on.		
		(c)	Wait at least 4 secon			,			
		(d)	Remove the ground f	from pin A o	f D776 connecto	or.			
			Install connector D77						
D.	Put	the Ai	rplane Back to Its U	sual Condi	tion				
	SUBT	ASK 31-31	-00-700-009						
	(1)	Put the position		r TEST-NOF	RMAL switch on	the P5 panel in the NO	RMAL		
	(2)	Do th	is task: Remove Elec	trical Power	r, AMM TASK 24	-22-00-860-812.			
				— END OF	TASK ———				
			CTIVITY 5 ALL	SOURCE MRB	DOWNLOAD FE	OR DATA REQD PARAMI SYSTEMS	ETERS TO CH	IECK	
					D633A109-AKS		1	Page 4	4 o
					31-120-00-04			un 15/	
									_



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				31-120-00-04

TASK 31-31-00-970-807

MECH INSP

2. Copy of the Data from the Honeyweefll SSFDR with the Flight Data Recorder Download Unit

A. General

- (1) This task uses a customer owned dedicated portable laptop with the Flight Data Recorder Download Unit, COM-12815, HHMPI Adapter Cable (L-3 Comm F1000 DFDR), COM-13750, HHMPI Adapter Cable (Honeywell SSDFDR), COM-13695, HHMPI Adapter Cable (Honeywell HFR5-D), COM-13696, or HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697 to make a copy of the flight data from a Honeywell solid state flight data recorder (SSFDR) while the FDR is in the airplane.
- (2) The copied data then can be analyzed at a different location by the applicable airline personnel or this service can be ordered though Flight Recorder Data Services found on MyBoeingFleet.

B. Procedure

SUBTASK 31-31-00-860-703

(1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811

SUBTASK 31-31-00-860-704

(2) Make sure that these circuit breakers are open and have safety tags:

CAPT Electrical System Panel, P18-2

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
С	9	C00109	FLIGHT RECORDER AC
С	10	C00468	FLIGHT RECORDER DC

SUBTASK 31-31-00-860-705

(3) To get access to the flight data recorder in the aft passenger compartment, open the lowered ceiling panel Main Ceiling Panel - Installation, AMM TASK 25-21-45-400-803-001.

SUBTASK 31-31-00-860-706

(4) Use a 6 foot (1.83m) stepladder, STD-1048 to access the flight data recorder [2].

SUBTASK 31-31-00-860-707

- (5) Connect the Flight Data Recorder Download Unit to the Honeywell SSFDR.
 - Flight Data Recorder Download Unit, COM-12815
 - HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697
 - HHMPI Adapter Cable (Honeywell HFR5-D), COM-13696
 - HHMPI Adapter Cable (Honeywell SSDFDR), COM-13695
 - HHMPI Adapter Cable (L-3 Comm F1000 DFDR), COM-13750

SUBTASK 31-31-00-860-708

(6) Remove the safety tags and close these circuit breakers:

CAPT Electrical System Panel, P18-2

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
С	9	C00109	FLIGHT RECORDER AC
С	10	C00468	FLIGHT RECORDER DC

AKS ALL	MRB	DOWNLOAD FDR DATA REQD PAINTERFACING SYSTEMS	ARAMETERS TO CHECK
		D633A109-AKS	Page 5 of 6
		31-120-00-04	Jun 15/2016



DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-120-			
SUBTASK 31-31-0	0-860-709		I.			MECH	INSP	
(7) Switch	n ON the Flight Data Re	ecorder Do	wnload Unit, C	OM-12815.				
SUBTASK 31-31-00-860-710								
, ,	e flight data recorder Tl	EST-NORI	M switch to the	TEST position.				
suвтаsк 31-31-0 (9) Run th	^₀ -860-711 ne Downloader program	1.						
` ,	Click the Download butt							
()	 Follow the prompts on the Flight Data Recorder Download Unit, COM-12815 to complete data download. 							
(b) After the copy procedure is completed, click on the QUIT button.								
SUBTASK 31-31-00-860-712								
(10) Put th	e flight data recorder TI	EST-NORI	M switch to the	NORM position.				
SUBTASK 31-31-0) d D		20M 4204E				
, ,	n OFF the Flight Data R	kecorder D	ownioad Unit, (JUIVI-12815.				
subtask 31-31-0 (12) Open	these circuit breakers a	and install :	safetv tags:					
, , ,	Electrical System Pa							
Row	•	<u>lame</u>						
С			CORDER AC					
С	10 C00468 F	·LIGHT RE	CORDER DC					
SUBTASK 31-31-0 (13) Discoi	nest the Flight Data R	ecorder Do	wnload Unit C	`∩M-12815 from the FI	NR.			
SUBTASK 31-31-0		CCOTGCT DC	Wilload Offic, C		JIV.			
	ve the safety tags and	close these	e circuit breake	rs:				
CAPT	Electrical System Pa	nel, P18-2						
Row		<u>lame</u>						
C			CORDER AC					
SUBTASK 31-31-0		LIGITITIC	OONDEN DO					
(15) Close	the lowered ceiling par 25-21-45-400-803-001		eiling Panel - Ir	nstallation, AMM				
SUBTASK 31-31-0	0-860-718							
(16) Do thi	s task if necessary: Rei	move Elec	trical Power, Al	MM TASK 24-22-00-860	0-812			
		END OF T	ASK ———					
	TN/ITV	SOURCE !	DOM: 0:5 ==	AD DATA DECO DATA	TEDO TO O	FOI		
AKS	_		DOWNLOAD FE INTERFACING S	DR DATA REQD PARAME SYSTEMS	IERS TO CH	ECK		
		I	D633A109-AKS 31-120-00-04			Page 6 un 15/		





737-600/700/800/900 TASK CARDS

AIRLINE CARD NO		DOWNLOAD FDR DATA REQD PARAMETERS TO			BOEING CARD NO. 31-120-00-05		
DATE	TASK FUNCTIONAL	CHECK	(INTERFACING S	YSTEMS	RELATED CARD W-31-130-00-05		
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC AIRPLANE	APPLICABILITY	
STATION	SKILL AVION	-			ALL	ALL ALL	
		ACCESS			ZONE 242		
		-					

Download data from flight data recorder (FDR) to check interfacing system output to FDR (off aircraft).

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 25-21-45-000-803-001	Main Ceiling Panel - Removal (P/B 401)
AMM 25-21-45-400-803-001	Main Ceiling Panel - Installation (P/B 401)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 29-21-00-000-802	Standby Hydraulic System Power Removal (P/B 201)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-13694	Unit - Interface, Hand-Held Multi-Purpose (HHMPI)
	Part #: FDS400-301 Supplier: Z7C70
COM-13695	Cable - Adapter, HHMPI (Honeywell SSDFDR only)
	Part #: FDS400-203 Supplier: Z7C70
COM-13696	Cable - Adapter, HHMPI (Honeywell HFR5-D only)
	Part #: FDS400-232 Supplier: Z7C70
COM-13697	Cable - Adapter, HHMPI (L-3 Comm FA2100 DFDR only)
	Part #: FDS40-0202 Supplier: Z7C70
COM-13750	Cable - Adapter, HHMPI (L-3 Comm F1000 DFDR only)
	Part #: FDS400-201 Supplier: Z7C70
STD-1048	Stepladder - 6 foot (1.83m)

EFFECTIVITY AKS ALL	SOURCE MRB	DOWNLOAD FDR DATA REQD PARAMETERS TO CHECK INTERFACING SYSTEMS	
		D633A109-AKS 31-120-00-05	Page 1 of 7 Feb 15/2016



	С	DATE			T	AIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-00-05	
	TAS	K 31-	31-0	D-700-8	801						MECH	IN
1.	Flig	ht Da	ta Re	corder	r - S	ingle State	Analog Dis	crete Parame	eter Test			
	A.	Gen	eral									
		(1)				des the step he data is do		ameters record	ded by the Flight Data	a Recorder		
	В.	Pre	oare 1	for the	tas	k.						
		SUBTA	NSK 31-3	1-00-700-00	07							
		(1)	Do t	his tasl	k: S	upply Electri	cal Power, A	AMM TASK 24	l-22-00-860-811.			
		(2)	Put	the fligl	ht da	ata recorder	TEST-NOR	MAL switch or	n the P5 panel in the	TEST position.		
	C.	Pro	cedu	re								
				1-00-700-00								
		(1)			•				screte signals:			
	(a) Push the fire test switch on the overheat/fire detection panel, P8, to the OVHT/FIRE position and hold for at least 4 seconds.											
				1)	Mak	ce sure these	e lights on th	ne overheat/fir	e detection panel, P8	B, are on:		
					a)	ENG 1 fire	handle ligh	t				
					b)	ENG 2 fire	handle ligh	t				
					c)	Wheel We	ll light					
					d)	APU fire lig	ght					
		(2)		h and h t 4 sec		_	moke detect	ion and fire su	uppression test buttor	n, P8-75, for at		
			(a)	Make	sur	e the CARG	O light com	es on.				
		(3)	Do t	hese st	teps	to set the s	tall warning	discrete signa	al:			
			(a)	Push	the	NO. 1 STAL	L WARNING	G TEST switch	٦.			
				1)	Mak	ce sure the c	aptains sha	ker operates.				
			(b)	Push	the	NO. 2 STAL	L WARNING	G TEST switch	٦.			
				1)	Mak	e sure the fi	rst officers	shaker operate	es.			
		(4)	Do t	hese st	teps	to set the a	pplicable hy	draulic systen	n low pressure discre	ete signals:		
			(a)	press	ure,		: Hydraulic		not pressurized. To re B Power Removal, AN			
			(b)	press	ure,		: Standby H	•	ressurized. To remove em Power Removal, A	•		
			(c)	Do the	ese	steps to set	the low hyd	lraulic pressur	e system A engine 1	discrete signal:		
				,	Ren S79		ctor D2684 f	rom the syster	m A engine 1 low pre	ssure switch,		
					a)		the ENG 1 nump panel,		URE light of system A	A on the		
				ECTIVITY S ALL			SOURCE MRB	DOWNLOAD I	FDR DATA REQD PAR	AMETERS TO C	HECK	



DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO.	
	2)	Wait at least	4 seconds.				MECH	INSF
	3)	Install connec	ctor D2684 to t	the system A en	gine 1 low pressure sw	ritch, S796.		
		,	ure the ENG 1 c pump panel,		RE light of system A on	the		
(d)	Do t	these steps to s	set the low hyd	draulic pressure	system B engine 2 disc	crete signal:		
	1)	Remove conr S797.	nector D2686 f	from the system	B engine 2 low pressu	re switch,		
		,	ure the ENG 2 c pump panel,		RE light of system B or	n the		
	2)	Wait at least	4 seconds.					
	3)	Install connec	ctor D2686 to t	the system B en	gine 2 low pressure sw	vitch, S797.		
		,	re the ENG 2 c pump panel		RE light of system B or	n the		
(e)	Do t	these steps to s	set the standby	y hydraulic pres	sure transmitter discret	e signal:		
	WAI	ALL C POWI LAND WHEI	ONTROL SUI ER. AILERON ING GEAR, A N YOU SUPPI	RFACES BEFO S, RUDDERS, I ND THRUST RI LY HYDRAULIC	AND EQUIPMENT ARE RE YOU SUPPLY HYD ELEVATORS, FLAPS, S EVERSERS CAN MOV POWER. THIS CAN C DAMAGE TO EQUIPMI	RAULIC SPOILERS, E QUICKLY AUSE		
	1)			OL hydraulic pr STBY RUD pos	essure system switches ition.	s A and B on		
	2)	Set the FLT C	ONTROL swi	tch A on the P5	panel to STBY RUD.			
		a) Make sı	re the STANE	BY HYD low pr	ressure light on the P5 p	panel is off.		
					sure light may come or tch is set to STBY RUD			
	3)	Open this circ	cuit breaker ar	nd install safety	tag:			
		Power Distri Row Col F 2		Number 2, P92 Name	PRAULIC PUMP			
		_				nanal ia an		
	4)	a) Make su Wait at least		וטא pi טועוווטע pi	essure light on the P5 p	μαι ισι ιδ UII.		
	5)			tch A on the P5	panel to the ON positio	ın		
	6)			close this circui	•	vi i.		
	0)			Number 2, P92				
		Row Col	Number	Name	•			
		F 2	C01449		DRAULIC PUMP			
(5) Do	these	steps to set the	e cabin altitude	e > 10K discrete	e signal:			
(a)	Ren	nove connector	D776 from th	e cabin pressur	e switch (S128).			
	ECTIVITY		SOURCE MRB	DOWNLOAD FI	OR DATA REQD PARAMI SYSTEMS	ETERS TO CI	HECK	1
				D633A109-AKS 31-120-00-05			Page 3 Jun 15/	



DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.		BOEING CARD NO. 31-120-00-05				
			(b)	Apply a ground to pin	A of D776	connector.			MECH	INSF		
			()				ht compartment comes	on.				
			(c)	Wait at least 4 second								
			(d)	Remove the ground fr	om pin A of	f D776 connecto	or.					
			(e)	Install connector D776	6 to the cab	oin pressure swit	tch (S128).					
	D.	Put	the Aiı	rplane Back to Its Us	ual Condit	tion						
		SUBTA		00-700-009								
		(1)	Put the position		e flight data recorder TEST-NORMAL switch on the P5 panel in the NORMAL n.							
		(2)	Do th	is task: Remove Elect	rical Power	, AMM TASK 24	-22-00-860-812.					
	——— END OF TASK ———											
				CTIVITY S ALL	SOURCE MRB	DOWNLOAD FE	DR DATA REQD PARAME SYSTEMS	ETERS TO CI	HECK	1		
						D633A109-AKS			Page 4	1 ~5		



	DATE		TAIL NU	JMBER		STATION	AIRLINE CARD NO.	BOEING C/ 31-120-			
. Cor	y the		m the Soli	id State Fl	ight Data	Recorder (S	SSFDR) with the Hand H	eld Multi	MECH	IN	
Pur	pose	Interface	e (HHMPI)								
A.	Ger	eral									
	(1)	the HHI Cable (I SSDFD	MPI Adapte L-3 Comm R), COM-1 ata from the	er Cable (L F1000 DFI 3695, or H	-3 Comm DR), COM IHMPI Ada	FA2100 DFD 1-13750, HHN apter Cable (H	ce Unit (HHMPI), COM-13R), COM-13697, HHMPI MPI Adapter Cable (Hone) Honeywell SSDFDR), CO SSFDR) while the SSFDR	Adapter ywell M-13695 to			
	(2)	flash ca		noval PC ca		nternal memory, SD card, r Memory Card Internatio					
	(3) A reasonability assessment of the stored data can then can be done at a different location by the applicable airline personnel or this service can be ordered though Flight Data Recorder Services found on MyBoeingFleet.										
В.	Pre	pare to c	opy the SS	SFDR data	ı						
	SUBT	ASK 31-31-00-	860-719								
	(1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811										
	SUBTASK 31-31-00-860-720										
(2) Open these circuit breakers and install safety tags:											
			Electrical S	-		2					
		Row			<u>lame</u>		0				
		C C				ECORDER A ECORDER D					
	SURT	ASK 31-31-00-0			2.0						
	(3)			ne flight dat	ta recorde	er in the aft pa	assenger compartment, o	pen the			
	()						, AMM TASK 25-21-45-00				
	SUBT	ASK 31-31-00-	800-006								
	(4)	Use a 6	foot (1.83r	m) steplado	der, STD-	1048 to acces	ss the flight data recorder				
	SUBT	ASK 31-31-00-6									
	(5)	Make s	ure the HHI	MPI is OFF	=.						
subtask 31-31-00-840-011 (6) Connect the HHMPI cable to the SSFDR. • HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697											
			•	,			,				
			-	•	-	FR5-D), COM					
			•	,	•	SDFDR), COI					
		• HHMI	PI Adapter	Cable (L-3	Comm F	1000 DFDR),	COM-13750				
	(-)	4SK 31-31-00-		olo modic i	nto tho □	JMDI if roquir	rod.				
	(7) Install the removable media into the HHMPI if required.										
		EFFECTIV			SOURCE MRB		FDR DATA REQD PARAMI G SYSTEMS	ETERS TO CH	ECK	_	

EFFECTIVITY AKS ALL	SOURCE MRB	DOWNLOAD FDR DATA REQD PARAMETERS TO CHE INTERFACING SYSTEMS	
		D633A109-AKS 31-120-00-05	Page 5 of 7 Jun 15/2016



737-600/700/800/900 TASK CARDS

DATE TAIL N		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-120-				
	subt/	ASK 31-31-00- Remov		afety tags ar	nd close the	se circuit breake	ers:		MECH	INS
	, ,	CAPT I	Electri <u>Col</u>	cal System Number	Panel, P18- <u>Name</u>	2				
		C C	9 10	C00109 C00468		ECORDER AC ECORDER DC				
	(9)	ASK 31-31-00- Put the		lata recorde	r TEST-NOF	RM switch to the	TEST position.			
C.	Pro	cedure								
	suвт/ (1)	ASK 31-31-00- Select a		type, model	and tail nur	nber if required.				
	(2)	Select t	he me	mory device	to store the	data.				
		NOTE: A file download onto the HHMPI's Internal Memory will not appear if an SD memory card is connected. The SD card will override the internal memory function. Remove the SD storage card if access to the internal memory is required.								
	(3)	Make s	ure DC	WNLOAD A	LL DATA ini	tializes.				
		(a) Pı	ress the	e C button to	cancel the	download.				
	(4)	Press tl	he OK	button when	download h	nas completed.				
D.	Put the Airplane Back to Its Usual Condition									
		ASK 31-31-00-		uon 10 110 0						
	(1)			rcuit breaker	s and instal	l safety tags:				
	()	CAPT Electrical System Panel, P18-2								
		Row	Col	Number	Name	_				
		C	9	C00109	FLIGHT R	ECORDER AC				
		С	10	C00468	FLIGHT R	ECORDER DC				
	SUBT	ASK 31-31-00-	840-014							
	(2) Disconnect the HHMPI cable from the SSFDR.									
	(3)	Remov	e the n	nedia if requi	red.					
	SUBT	ASK 31-31-00-								
	(4)	Remov	e the s	afety tags ar	nd close the	se circuit breake	ers:			
		CAPT		cal System	-	2				
		Row	Col	Number	<u>Name</u>					
		С	9	C00109		ECORDER AC				
	C 10 C00468 FLIGHT RECORDER DC									
	SUBTASK 31-31-00-840-015 (5) Put the flight data recorder TEST-NORM switch to the NORMAL postion.									
	(0)	i ut tilo	iligiti c		1201-1101	an switch to the	NORWINE POSION.			
		EFFECTIV			source MRB	DOWNLOAD FI	DR DATA REQD PARAME SYSTEMS	TERS TO CH	ECK	
						D633A109-AKS			Page 6	

31-120-00-05

Jun 15/2016



DATE	I AIL NUMBER		STATION	AIRLINE CARD NO.	31-120		
SUBTASK 31-31-0	0-410-009					MECH	INSP
(6) Close TASK	the lowered ceiling pand 25-21-45-400-803-001	el Main C	Ceiling Panel - In	stallation, AMM			
	——-	END OF	TASK ——				
EFFECT		SOURCE	DOWNI CAD 55	D DATA DECD DADAS		IFOY	
AKS A	ALL	MRB	INTERFACING S	R DATA REQD PARAME YSTEMS	HERS TO CH	IECK	
			D633A109-AKS 31-120-00-05		J	Page 7 un 15/2	of 7 2016





737-600/700/800/900 TASK CARDS

AIRLINE	CARD NO		TITLE DR DATA REQD PA		BOEING CARD NO. 31-130-00-04		
DATE	TASK FUNCTIONAL	СН	ECK DFDAU OUTI	RELATED CARD W-31-120-00-04			
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC AIRPLANE	ABILITY ENGINE	
STATION	SKILL AVION				ALL	ALL	
		ACCESS			ZONE 242		

Functional check of required parameters (FDR, DFDAU output)

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 25-21-45-400-803-001	Main Ceiling Panel - Installation (P/B 401)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-12815	Download Unit - Flight Data Recorder
	Part #: 69001074-060 Supplier: 97896 Part #: FDS400-301 Supplier: Z7C70 Opt Part #: PL69001074-001 Supplier: 97896
COM-13695	Cable - Adapter, HHMPI (Honeywell SSDFDR only)
	Part #: FDS400-203 Supplier: Z7C70
COM-13696	Cable - Adapter, HHMPI (Honeywell HFR5-D only)
	Part #: FDS400-232 Supplier: Z7C70
COM-13697	Cable - Adapter, HHMPI (L-3 Comm FA2100 DFDR only)
	Part #: FDS40-0202 Supplier: Z7C70
COM-13750	Cable - Adapter, HHMPI (L-3 Comm F1000 DFDR only)
	Part #: FDS400-201 Supplier: Z7C70
STD-1048	Stepladder - 6 foot (1.83m)

EFFECTIVITY AKS ALL	SOURCE MRB	DOWNLOAD FDR DATA REQD PARAMETERS TO CHECK DFDAU OUTPUT				
		D633A109-AKS 31-130-00-04	Page 1 of 3 Feb 15/2016			



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				31-130-00-04

TASK 31-31-00-970-807

MECH INSP

1. Copy of the Data from the Honeyweefll SSFDR with the Flight Data Recorder Download Unit

A. General

- (1) This task uses a customer owned dedicated portable laptop with the Flight Data Recorder Download Unit, COM-12815, HHMPI Adapter Cable (L-3 Comm F1000 DFDR), COM-13750, HHMPI Adapter Cable (Honeywell SSDFDR), COM-13695, HHMPI Adapter Cable (Honeywell HFR5-D), COM-13696, or HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697 to make a copy of the flight data from a Honeywell solid state flight data recorder (SSFDR) while the FDR is in the airplane.
- (2) The copied data then can be analyzed at a different location by the applicable airline personnel or this service can be ordered though Flight Recorder Data Services found on MyBoeingFleet.

B. Procedure

SUBTASK 31-31-00-860-703

(1) Do this task: Supply Electrical Power, AMM TASK 24-22-00-860-811

SUBTASK 31-31-00-860-704

(2) Make sure that these circuit breakers are open and have safety tags:

CAPT Electrical System Panel, P18-2

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
С	9	C00109	FLIGHT RECORDER AC
С	10	C00468	FLIGHT RECORDER DC

SUBTASK 31-31-00-860-705

(3) To get access to the flight data recorder in the aft passenger compartment, open the lowered ceiling panel Main Ceiling Panel - Installation, AMM TASK 25-21-45-400-803-001.

SUBTASK 31-31-00-860-706

(4) Use a 6 foot (1.83m) stepladder, STD-1048 to access the flight data recorder [2].

SUBTASK 31-31-00-860-707

- (5) Connect the Flight Data Recorder Download Unit to the Honeywell SSFDR.
 - Flight Data Recorder Download Unit, COM-12815
 - HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697
 - HHMPI Adapter Cable (Honeywell HFR5-D), COM-13696
 - HHMPI Adapter Cable (Honeywell SSDFDR), COM-13695
 - HHMPI Adapter Cable (L-3 Comm F1000 DFDR), COM-13750

SUBTASK 31-31-00-860-708

(6) Remove the safety tags and close these circuit breakers:

CAPT Electrical System Panel, P18-2

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
С	9	C00109	FLIGHT RECORDER AC
С	10	C00468	FLIGHT RECORDER DC

EFFECTIVITY AKS ALL	SOURCE MRB	DOWNLOAD FDR DATA REQD PARAMET DFDAU OUTPUT	ERS TO CHECK
		D633A109-AKS 31-130-00-04	Page 2 of 3 Oct 15/2015



DATE		TAIL NUMBER			STATION	AIRLINE CARD NO.		BOEING CARD NO. 31-130-00-04	
suвта (7)		00-860-709 h ON the	Flight Data F	Recorder D	ownload Unit, C	OM-12815.		MECH	INS
(8)		00-860-710 ne flight d	ata recorder	TEST-NOF	RM switch to the	TEST position.			
		00-860-711							
(9)			loader progra						
	(a)		Download bu		Eliabt Data Book	order Dewaleed Unit C	OM 12015		
	(1.)	to c	complete data	download		order Download Unit, C	OIVI-12015		
	` '		copy procedu	ure is comp	oleted, click on tl	ne QUII button.			
		00-860-712	ata ragardar '	TEST NOE	OM awitch to the	NOPM position			
(10)		_	ala recorder	IESI-NOF	RIVI SWITCH TO THE	NORM position.			
(11)		00-860-713 h OFF th	e Flight Data	Recorder I	Download Unit,	COM-12815.			
, ,		00-860-714	o i light Data	1100014011	Download Onk,	00W 12010.			
(12)			rcuit breakers	and instal	I safety tags:				
` ,			cal System P						
	Row		Number	Name	_				
	С	9	C00109	FLIGHT R	ECORDER AC				
	С	10	C00468	FLIGHT R	ECORDER DC				
		00-860-715							
(13)	Disco	nnect the	e Flight Data I	Recorder D	Download Unit, C	COM-12815 from the F	DR.		
		00-860-716	ofoty to ac one	d alaga tha	aa airauit braaka	. TO I			
(14)					se circuit breake	118.			
	Row		cal System P <u>Number</u>	anel, P18- <u>Name</u>	·2				
	C	9	C00109		RECORDER AC				
	C	10	C00468		ECORDER DC				
SUBTA	SK 31-31-	00-860-717							
(15)			ered ceiling pa 5-400-803-00		Ceiling Panel - Ir	nstallation, AMM			
SUBTA	SK 31-31-	00-860-718							
(16)	Do th	is task if	necessary: R	emove Ele	ctrical Power, Al	MM TASK 24-22-00-86	0-812		
				- END OF	TASK ———				
		ALL		SOURCE MRB	DOWNLOAD FE DFDAU OUTPU	OR DATA REQD PARAM T	ETERS TO CH	ECK	
					D633A109-AKS		F	Page 3	3 ი
					31-130-00-04			oct 15/	





737-600/700/800/900 TASK CARDS

AIRLINE CARD NO			TITLE DR DATA REQD PA	BOEING CARD NO. 31-130-00-05		
DATE	TASK FUNCTIONAL	CH	IECK DFDAU OUT		D CARD 20-00-05	
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC.	
STATION	SKILL AVION				ALL	ENGINE ALL
		ACCESS			ZONE 242	
		-				

Functional check of required parameters (FDR, DFDAU output)

A. References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 25-21-45-000-803-001	Main Ceiling Panel - Removal (P/B 401)
AMM 25-21-45-400-803-001	Main Ceiling Panel - Installation (P/B 401)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-13694	Unit - Interface, Hand-Held Multi-Purpose (HHMPI)
	Part #: FDS400-301 Supplier: Z7C70
COM-13695	Cable - Adapter, HHMPI (Honeywell SSDFDR only)
	Part #: FDS400-203 Supplier: Z7C70
COM-13696	Cable - Adapter, HHMPI (Honeywell HFR5-D only)
	Part #: FDS400-232 Supplier: Z7C70
COM-13697	Cable - Adapter, HHMPI (L-3 Comm FA2100 DFDR only)
	Part #: FDS40-0202 Supplier: Z7C70
COM-13750	Cable - Adapter, HHMPI (L-3 Comm F1000 DFDR only)
	Part #: FDS400-201 Supplier: Z7C70
STD-1048	Stepladder - 6 foot (1.83m)

EFFECTIVITY AKS ALL	SOURCE MRB	DOMNEDAD I DIX DATA NEQD I ANAMETERO TO CHECK			
		D633A109-AKS 31-130-00-05	Page 1 of 4 Feb 15/2016		



	DATE TAIL NUMBER				TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-130-		
	TAG	K 21	-31-00-9	70 909					000	MECH	1
1.						Flight Data	Recorder (S	SSFDR) with the Hand H	eld Multi		
••			Interfac			g = a	(<u> </u>		
	Α.	Ger	neral	-	<u>-</u>						
		(1)	This tas the HH Cable (SSDFD	MPI Ac L-3 Cc DR), CC ata fror	dapter Cable mm F1000 I DM-13695, o	(L-3 Comm DFDR), COM r HHMPI Ad	FA2100 DFD /I-13750, HHM apter Cable (I	ce Unit (HHMPI), COM-1: R), COM-13697, HHMPI I/PI Adapter Cable (Hone: Honeywell SSDFDR), CO SSFDR) while the SSFDR	Adapter ywell M-13695 to		
		(2) The HHMPI can store SSFDR data on the HHMPI internal memory, SD card, compact flash card or a removal PC card, Personal Computer Memory Card International Association (PCMCIA).									
		(3)	by the	applica	ble airline pe		his service ca	nen can be done at a diffe in be ordered though Flig			
	В.	Pre	pare to c	opy th	ne SSFDR d	ata					
		SUBT	ASK 31-31-00-								
		(1)	Do this	task: S	Supply Electi	rical Power, <i>i</i>	AMM TASK 2	4-22-00-860-811			
		subt. (2)	ASK 31-31-00-		rcuit broake	re and inetall	safety tags:				
		(2)	•								
			Row	Col	-	Panel, P18- Name	2				
			C	9	C00109	' 	ECORDER A	С			
			С	10	C00468	FLIGHT R	ECORDER D	C			
		SUBT	ASK 31-31-00-	-010-009							
		(3)	•		•		•	assenger compartment, o , AMM TASK 25-21-45-00	•		
			ASK 31-31-00-								
		(4)	Use a 6	6 foot (1.83m) stepl	adder, STD-	1048 to acces	ss the flight data recorder			
			ASK 31-31-00-		LUMBLE	\					
		(5)			e HHMPI is C	DFF.					
			ASK 31-31-00-			to the CCEE	ND.				
		 (6) Connect the HHMPI cable to the SSFDR. HHMPI Adapter Cable (L-3 Comm FA2100 DFDR), COM-13697 HHMPI Adapter Cable (Honeywell HFR5-D), COM-13696 									
					. ,	•	, .				
		 HHMPI Adapter Cable (Honeywell SSDFDR), COM-13695 HHMPI Adapter Cable (L-3 Comm F1000 DFDR), COM-13750 									
		··			piei Cable (I	L-3 COIIIII F	וטטט טרטא),	COIVI-13/30			
		(7)	ASK 31-31-00- Install t		ovable med	ia into the H	HMPI if requir	red.			
			EFFECTIVE AKS A			SOURCE MRB	DOWNLOAD DFDAU OUTI	FDR DATA REQD PARAMI	ETERS TO CH	ECK	

EFFECTIVITY AKS ALL	 DOWNLOAD FDR DATA REQD PARAMETERS TO DFDAU OUTPUT	CHECK
	D633A109-AKS 31-130-00-05	Page 2 of 4 Jun 15/2015



737-600/700/800/900 **TASK CARDS**

I	DATE		Т	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-130-			
	subt. (8)	ASK 31-31-00-6 Remove		afety tags ar	nd close the	se circuit breake	ers:		MECH	INS	
	` ,	CAPT E	Electric	cal System	Panel. P18-	.2					
		Row	Col	Number	Name	_					
		С	9	C00109	FLIGHT R	ECORDER AC					
		С	10	C00468	FLIGHT R	ECORDER DC					
	SUBT	ASK 31-31-00-	840-013								
	(9)	Put the	flight d	ata recorder	r TEST-NOF	RM switch to the	TEST position.				
C.	Pro	cedure									
	SUBT	ASK 31-31-00-9	970-001								
	(1)	Select a	aircraft	type, model	and tail nun	nber if required.					
	(2)	Select t	he mer	mory device	to store the	data.					
		<u>NOTE</u> :	memo	ry card is co on. Remove	nnected. Th	ne SD card will o	mory will not appear if an override the internal mem ss to the internal memory	ory			
	(3)	Make s	ure DO	WNLOAD A	LL DATA ini	tializes.					
		(a) Pr	ess the	e C button to	cancel the	download.					
	(4)	Press th	ne OK I	button when	download h	nas completed.					
D.	Put the Airplane Back to Its Usual Condition										
	SUBTASK 31-31-00-860-722										
	(1)	Open th	nese cii	cuit breaker	s and instal	l safety tags:					
		CAPT E	Electric	cal System	Panel, P18-	2					
		Row	<u>Col</u>	<u>Number</u>	<u>Name</u>						
		С	9	C00109		ECORDER AC					
		С	10	C00468	FLIGHTR	ECORDER DC					
		ASK 31-31-00-				00555					
	(2)			HHMPI cal		SSFDR.					
	(3)	Remove	e the m	edia if requi	red.						
		ASK 31-31-00-8		-f-h. t	- d - l + b :						
	(4)					se circuit breake	ers.				
				cal System		-2					
		Row C	<u>Col</u> 9	Number C00109	Name	ECORDER AC					
		C	10	C00109		ECORDER DC					
	SURT	ASK 31-31-00-									
	(5)			ata recorder	r TEST-NOF	RM switch to the	NORMAL postion.				
		EFFECTIV AKS A			SOURCE MRB	DOWNLOAD FE	DR DATA REQD PARAMET T	ERS TO CH	ECK		
						D633A109-AKS 31-130-00-05			age 3 b 15/2		
						4 @ 11				_	



DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-130-		
SUBTASK 31-31-00	0-410-009					MECH	INSP
(6) Close	the lowered ceiling pand 25-21-45-400-803-001	el Main C	Ceiling Panel - Ir	nstallation, AMM			
	——- Е	END OF	TASK ———				
EFFECT	IVITY	SOURCE	DOWN! OAD FF	DR DATA REQD PARAME	TEDS TO CU	ECY	
AKS	ALL	MRB	DFDAU OUTPU	T DAIA KEQU PAKAME	TIERO IU CH	ieur	
			D633A109-AKS		I	Page 4	of 4





737-600/700/800/900 TASK CARDS

AIRLIN	E CARD NO	DFDR ULB OPS CHECK			BOEING CARD NO. 31-140-00-01		
DATE	TASK OPERATIONAL					ED CARD 50-00-01	
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD NOTE	REPEAT	APPLIC AIRPLANE	CABILITY	
STATION	SKILL AVION	NOTE			ALL	ALL	
		ACCESS NOTE			ZONE 240		

Operational check of the ULB at battery replacement.

INTERVAL NOTE: At battery replacement or national requirement.

ACCESS NOTE: FDR Hinged Ceiling Panel.

A. References

Reference	Title
AMM 31-31-09-700-803	Underwater Locator Beacon Test with a Seacom TS100 Test Set (P/B 201)
AMM 31-31-09-700-804	Underwater Locator Beacon Test with a TS200 Test Set (P/B 201)
AMM 31-31-11-000-802	Flight Data Recorder Removal (P/B 401)
AMM 31-31-11-400-802	Flight Data Recorder Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
B00541	Cleaner - General Purpose Household Detergent	
G00270	Tape - Scotch Flatback Masking 250	ASTM D6123 (Supersedes A-A-883)

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-10768	Test Set - 42A12, Underwater Locator Beacon (ULB)
	Part #: 42A12-1 Supplier: 94970
COM-10771	Test Set - Underwater Locator Beacon (ULB)
	Part #: 42A12-1 Supplier: 94970 Opt Part #: PL1 Supplier: 94970
COM-10772	Test Set - Underwater Locator Beacon (ULB)
	Part #: 42A12-1 Supplier: 94970 Opt Part #: PL3 Supplier: 94970
COM-978	Test Set - ATS-260, Underwater Locator Beacon (ULB)
	Part #: ATS-260 Supplier: 26858
STD-1048	Stepladder - 6 foot (1.83m)
EFFECTIVITY AKS ALL	SOURCE MRB DFDR ULB OPS CHECK

AKS ALL MRB

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31-140-00-01 Jun 15/2016



DATE TAIL NUMBER				TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO.	
			24.22					31-140	MECH	INSP
4				000-801 cator Beacon Remova	al					
1.		ure 1)		cator beacon Remova	<u>aı</u>					
	, ,	,								
	A.	Gen (1)		nderwater locator hea	con (III R)	has a battory a	s the power source. The	III R has		
		(1)		ternal electrical connec		ilas a ballery a	s the power source. The	6 OLD Has		
	В.	Ren	noval P	rocedure						
		SUBTA	NSK 31-31-0							
		(1)		t access to the flight da ed ceiling panel.	ata record	er [2] in the aft p	eassenger compartment	, open the		
	SUBTASK 31-31-09-010-003									
		(2)	Use a	6 foot (1.83m) steplad	dder, STD	-1048 to access	the flight data recorder	[2].		
			NSK 31-31-0							
		(3)	Do thi	s task: Flight Data Re	corder Re	moval, AMM TA	SK 31-31-11-000-802.			
			SK 31-31-0		- 111 D [0]	£	Non-1 - 11-1 - 4-4- 41-1-4-4	-4		
	(4) Do these steps to remove the ULB [6] from the AlliedSignal solid state flight data recorder [2]:									
	(a) Loosen the screws [3] that hold the ULB [6] on the flight data recorder [2].									
	(b) Remove the screw(s) [3] and the clamp on one end of the ULB [6].									
	(c) Remove the ULB [6].									
	(d) Keep the screw(s) [3] and the clamp.									
					- END OF	TASK ———				
			EFFECT AKS		SOURCE MRB	DFDR ULB OPS	S CHECK		•	
			AINO	<u>-</u>	IVIIND					
						D633A109-AKS		ı	Page 2 Feb 15/	



DATE TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD NO. 31-140-00-01									
	TAS	K 31-31-0	9-960-804					MECH	INSP
2.	Und	lerwater L	ocator Beacon Tes	st with a PL1 T	est Set				
	Α.	Procedu	re						
		SUBTASK 31-							
		(1) If yo	ou have a ULB Test	Set, COM-107	71, do this test o	of the ULB:			
		NO	TE: PL1 can only d	o a test for the	DK100 ULB.				
		(a)				to attach a piece of water of the water switch.			
NOTE: This will make a short circuit from the center of the water switch to the outer part of the ULB.									
		(b)	Put the end of the inch from the water		COM-10771 ag	ainst the ULB, approxir	mately one		
	(c) Push and hold the operation switch on the ULB Test Set, COM-10771.								
			1) Make sure th	nat the BEACO	N ACTIVE WHE	EN FLASHING light flas	hes.		
Remove the piece of wire or other conductive material from the ULB case and the center of the water switch.									
Make sure that the BEACON ACTIVE WHEN FLASHING light does not flash.									
(d) Release the operation switch on the ULB Test Set, COM-10771.									
(e) Remove the ULB Test Set, COM-10771.									
(f) Make sure that the water switch end of the ULB has no grease or dirt.									
(g) If necessary, do the steps that follow:									
			,		r and detergent.				
			2) Dry the switch	ch with a clean					
				—— END OF	TASK ———				
			ECTIVITY (S ALL	SOURCE MRB	DFDR ULB OPS	S CHECK			
					D633A109-AKS 31-140-00-01			Page 3 eb 15/	



		DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	31-140		
	TAS	SK 31-31-	09-7	00-801	'				MECH	INSP
3.	Und	derwater	Loca	ator Beacon Test wi	th a PL3 T	est Set				
	A.	Proced	ure							
		SUBTASK 3								
		. ,		nave a ULB test set, (
				PL3 can only do a t						
		(a	U	LB [4].			inst the water switch of	the		
1) Make sure that you hear a tone.										
2) Make sure that the LED light flashes.										
(b) Remove the ULB test set, COM-10772.(c) Make sure that the water switch on theULB [4] has no grease or dirt.										
		(c)				on theolb [4] h	as no grease or dirt.			
		(d	•	necessary, do these	•					
				Clean the switch		_				
			4	2) Dry the switch w						
					– END OF	TASK ——				
			FFECTI		SOURCE MRB	DFDR ULB OPS	S CHECK			
						DC224400 ALC			Den:	1 - 4 ^
						D633A109-AKS 31-140-00-01			Page 4 Jun 15/	



DATE TAIL NUMBER STATION AIRLIN		AIRLINE CARD NO.	31-140-							
	TAS	SK 31-	-31-09-7	700-802					MECH	INSP
4.	Und	derwa	ter Loc	ator Beacon Test wi	th a ATS-2	260 Test Set				
	Α.	Prod	cedure							
			ASK 31-31-0	9-720-004						
		(1)	If you	have an ATS-260 ULE	3 test set,	COM-978, do th	is test of the ULB [4]:			
			NOTE	: ATS-260 can only d	o a test fo	or the ELP-362D	ULB.			
			(a) F	Put the ATS-260 ULB	test set, C	OM-978 clip on	the ULB [4].			
			(b) F	Push and hold the PU	SH TO TE	ST button.				
(c) Put the ATS-260 ULB test set, COM-978 probe on the ULB water switch.										
				1) Make sure that a	green LE	D shows.				
				2) Make sure that you COM-978.	ou can he	ar sounds from	the ATS-260 ULB test s	et,		
				3) Make sure that th	ne amber l	LED flashes.				
(d) Release the PUSH TO TEST button.										
			(e) F	Remove the ATS-260	ULB test s	set, COM-978.				
			(f) N	Make sure that the wa	ter switch	on the ULB has	no grease or dirt.			
	(g) If necessary, do these steps:									
Clean the switch with water and detergent.										
				2) Dry the switch wi	th a clean	cloth.				
					- END OF	TASK ———				
			EFFECT AKS		SOURCE MRB	DFDR ULB OP	S CHECK			
			ANG	7.6.6	IVIKB					
						D633A109-AKS	;		Page 5	

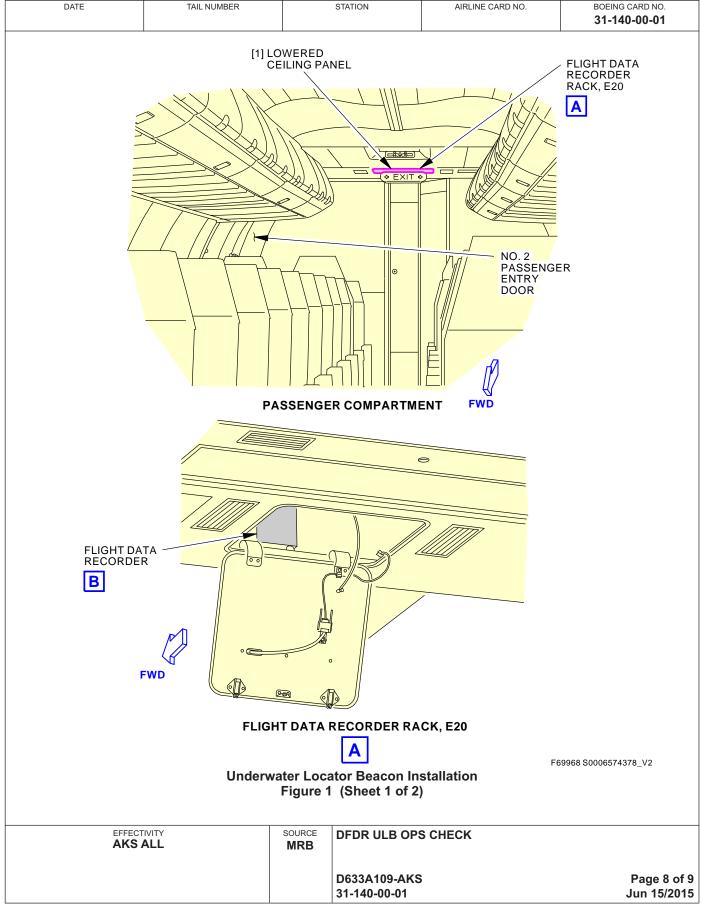


	DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-140-		
Т	TASK 31-31-09	9-960-803	'			1	MECH	INSP
5. <u>U</u>	Jnderwater Lo	ocator Beacon Test wi	th a 42A12	2 Series Test Se	<u>et</u>			
,	A. Procedur	re						
	SUBTASK 31-3							
	(1) If yo	u have a 42A12 ULB Te	est Set, CC	M-10768, do thi	s test of the ULB:			
	NOT	E: 42A12 can do a tes	t for all UL	Bs.				
	(a)	Put the 42A12 ULB Te						
	(b)	Set the GAIN control s maximum clockwise pe		ne 42A12 ULB T	est Set, COM-10768 to	the		
	NOTE: A background noise is heard. If you do not hear noise from the test set, replace the test set battery.							
	(c) Set the TUNING control switch to the middle position.							
	(d)				0768 operates correctly			
	Rub your thumb and fingers together in front of the microphone to make sure that it operates.							
NOTE: This will produce a rushing noise from the speaker.								
		,	•	ear sounds throu				
	(e)	Use tape to attach a p ULB case and to the c		_	, or other conductive m	aterial to the		
		NOTE: This will make part of the ULI		cuit from the ce	nter of the water switch	to the outer		
	(f)	Set the GAIN control s	witch to a	comfortable liste	ening level.			
	(g)	Point the microphone best results.	of the test	set towards the	water switch end of the	beacon for		
		1) Make sure you h	ear a pulse	e tone.				
	(h)	Remove the wire, show the center of the water	-	r other conductir	ng material from the UL	.B case and		
	(i)	Set the GAIN control s	witch to th	e OFF position.				
	(j)	Make sure that the wa			no grease or dirt.			
	(k)	If necessary, do the st	•					
		1) Clean the switch		_				
		2) Dry the switch wi	ith a clean	cloth.				
			- END OF	TASK ———				
		ECTIVITY S ALL	SOURCE MRB	DFDR ULB OPS	CHECK			
				D633A109-AKS 31-140-00-01			Page 6 eb 15/	

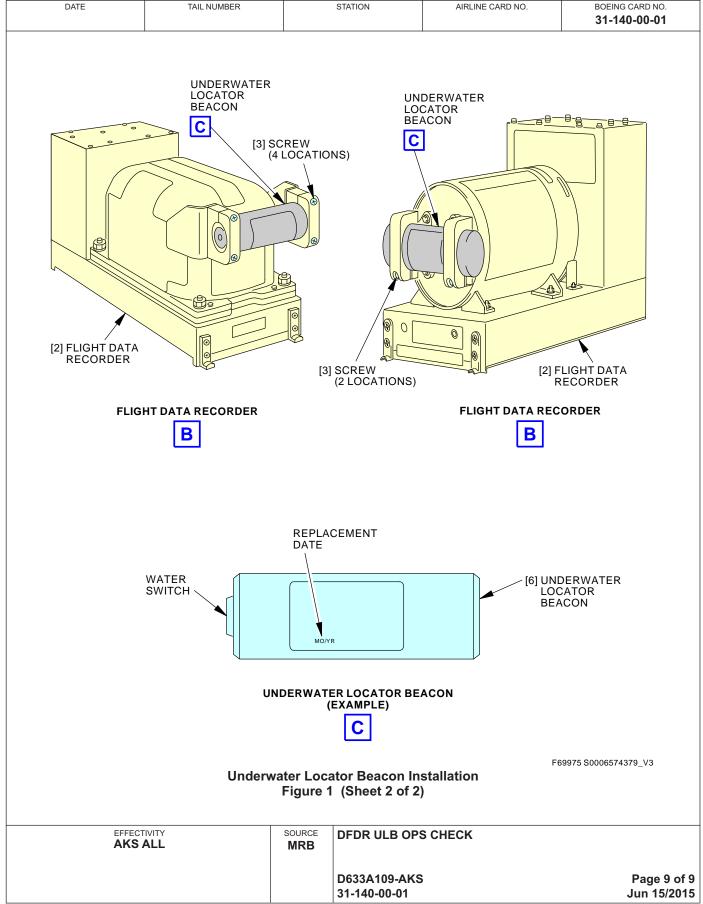


DATE				TAIL NUMBER					g card no. 40-00-01		
	TAS	K 31-	31-09	-400-801	'				MECH	INSI	
6.				cator Beacon Install	<u>ation</u>						
	(Fig	ure 1)									
	A.	Inst	allatic	on Procedure							
				-09-420-004	5						
		(1)				_	al solid state flight data				
			(a)				[4] has no grease or dir				
			(b)	detergent cleaner, B0		LD [4] WIIII a wea	ak general purpose hou	Seriola			
			(c)	Put the ULB [4] in the	cradle on	the flight data re	corder [2].				
			(d)	Make sure you can re	ead the rep	lacement date o	n the ULB [4].				
			(e)	Install the screw(s) [3] that hold	the clamp on the	e end of the ULB.				
			(f)	Tighten the scews [3]	to 23 ±3 in	n-lb (3 ±1 N·m).					
		SUBTA		1-09-700-004							
		(2)		ne of these tasks to te		•					
	Underwater Locator Beacon Test with a 42A12 Series Test Set, TASK 31-31-09-960-803 or Underwater Locator Beacon Test with a PL1 Test Set, TASK 31-31-09-960-804 or Underwater Locator Beacon Test with a ATS-260 Test Set, TASK 31-31-09-700-802 or Underwater Locator Beacon Test with a PL3 Test Set, TASK 31-31-09-700-801 or Underwater Locator Beacon Test with a Seacom TS100 Test Set, AMM TASK 31-31-09-700-803 or Underwater Locator Beacon Test with a TS200 Test Set, AMM TASK 31-31-09-700-804										
SUBTASK 31-31-09-420-006											
		(3)	Do th	nis task: Flight Data Re	ecorder Ins	tallation, AMM T	ASK 31-31-11-400-802	•			
				1-09-410-002							
		(4)	Clos	e the lowered ceiling p	oanel.						
					— END OF	TASK ———					
				CTIVITY S ALL	SOURCE MRB	DFDR ULB OPS D633A109-AKS 31-140-00-01			Page 7		













737-600/700/800/900 TASK CARDS

AIRLINE	CARD NO	DFDR UL	TITLE B BATTERY REPLA	BOEING CARD NO. 31-150-00-01			
DATE	TASK REPLACE				RELATE W-31-14		
TAIL NUMBER	WORK AREA PASS CABIN	VERSION 1.1	THRESHOLD NOTE	REPEAT	APPLICABILITY AIRPLANE ENGINE		
STATION	SKILL AVION	NOTE			ALL	ALL	
		ACCESS NOTE			ZONE 240		

Replace ULB battery at vendor's recommendation.

INTERVAL NOTE: At vendor's recommendation or national requirement.

ACCESS NOTE: FDR Hinged Ceiling Panel.

A. References

Reference	Title
AMM 31-31-09-700-801	Underwater Locator Beacon Test with a PL3 Test Set (P/B 201)
AMM 31-31-09-700-802	Underwater Locator Beacon Test with a ATS-260 Test Set (P/B 201)
AMM 31-31-09-700-803	Underwater Locator Beacon Test with a Seacom TS100 Test Set (P/B 201)
AMM 31-31-09-700-804	Underwater Locator Beacon Test with a TS200 Test Set (P/B 201)
AMM 31-31-09-960-803	Underwater Locator Beacon Test with a 42A12 Series Test Set (P/B 201)
AMM 31-31-09-960-804	Underwater Locator Beacon Test with a PL1 Test Set (P/B 201)
AMM 31-31-11-000-802	Flight Data Recorder Removal (P/B 401)
AMM 31-31-11-400-802	Flight Data Recorder Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
B00541	Cleaner - General Purpose Household Detergent	
D50082	Lubricant - 810-346	
G02440	Battery - Lithium Battery	MIL-I-45208A
G50272	Battery - Teledyne Benthos (P/N C362-04270-2)	
G50273	O-ring - Lubricated, Teledyne Benthos (P/N 2-022)	
G50275	O-ring	

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

EFFECTIVITY AKS ALL	SOURCE MRB	DFDR ULB BATTERY REPLACEMENT	
		D633A109-AKS 31-150-00-01	Page 1 of 13 Feb 15/2015



DA	TE	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CARD NO.				
						31-150-00-01				
	Reference	Desc	ription							
(COM-1619		•		nderwater Locator Bea	acon				
		Part Part Opt	Part #: 008407 Supplier: 26858 Part #: 810-2007/KVS Supplier: 94970 Part #: 810-325 Supplier: 94970 Opt Part #: B362-04180A Supplier: 26858 Opt Part #: B362-09111 Supplier: 26858							
(COM-1793	•			equivalent meter mee	ts task requirements)				
		Part Part Part Part Part Part Part Opt Opt Opt Opt	#: 117	Supplier: 89536 XPI Supplier: 8 XPI Supplier: 8 Supplier: 89536 Supplier: 89536 Supplier: 89536 E 27 II Supplie E-77-4 Supplie B7 Supplier: 89 I Supplier: 89	55026 38277 er: 89536 er: 89536 9536 9536 0536 upplier: 89536					
	COM-2543	Torqu Part Opt Opt	Opt Part #: FLUKE 27 Supplier: 89536 Torque - Adapter, Used on Underwater Locator Beacon Part #: 008407 Supplier: 26858 Opt Part #: B362-04180A Supplier: 26858 Opt Part #: B362-09111 Supplier: 26858							
	STD-1048 STD-1066		Stepladder - 6 foot (1.83m) Hose - Radiator, Split, 1-1/4 Inch Diameter, 5 Inch Length							
	EFFECTIVITY AKS ALL		source MRB	DFDR ULB BAT	TERY REPLACEMENT					
				D633A109-AKS 31-150-00-01		Page 2 of 13 Jun 15/2016				



DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-150-						
				000-801					MECH	INSP		
1.	Underwater Locator Beacon Removal (Figure 1)											
	A .											
	7	Gen (1)	e ULB has									
	В.	Ren	noval P	Procedure								
		SUBTASK 31-31-09-010-002										
		(1)		t access to the flight dat ed ceiling panel.	a recorde	er [2] in the aft p	bassenger compartment	, open the				
		SUBTA	SK 31-31-0	09-010-003								
		(2)	Use a	6 foot (1.83m) stepladd	ler, STD-	-1048 to access	the flight data recorder	[2].				
		SUBTA (3)	sк 31-31-0 Do thi	ng-020-001 Is task: Flight Data Reco	order Rer	moval, AMM TA	SK 31-31-11-000-802.					
		SUBTA	SK 31-31-0	09-020-003								
		(4)	Do the [2]:	ese steps to remove the	ULB [6]	from the AlliedS	Signal solid state flight o	ata recorder				
			(a) I	Loosen the screws [3] th	nat hold t	the ULB [6] on the	ne flight data recorder [2	2].				
			(b) I	Remove the screw(s) [3]] and the	clamp on one	end of the ULB [6].					
			(c) I	Remove the ULB [6].								
			(d) I	Keep the screw(s) [3] ar	nd the cla	amp.						
					END OF	TASK ——						
			EFFEC AKS		SOURCE MRB	DFDR ULB BAT	TTERY REPLACEMENT			l		
						D633A109-AKS	}		age 3			



737-600/700/800/900 **TASK CARDS**

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CA 31-150-						
AKS ALL; FLIGH	AKS ALL; FLIGHT DATA RECORDERS WITH DUKANE ULBS									
TASK 31-31-09-960-801										

Dukane Underwater Locator Beacon Battery - Replacement

(Figure 2 or Figure 3)

A. General

(1) This procedure contains the steps to replace the Dukane ULB battery.

Removal Procedure

SUBTASK 31-31-09-800-004

WARNING: DO NOT REMOVE THE BATTERY FROM THE DK100/DK130 ULB. DO NOT CAUSE DAMAGE TO THE DK100/DK130 ULB. DO NOT DISCARD THE DK100/ DK130 ULB. THE MANUFACTURER HAS A REPLACEMENT PROGRAM FOR EXPIRED ULBS. ON OR BEFORE THE EXPIRED DATE, SEND THE DK100/ DK130 ULB TO THE MANUFACTURER FOR SERVICING. THE BATTERY CONTAINS DANGEROUS CHEMICAL MATERIALS WHICH CAN CAUSE INJURIES TO PERSONNEL.

(1) If you have a DK100/DK130 ULB [4], send it to the manufacturer for servicing.

SUBTASK 31-31-09-020-008

(2) If you do not have a DK100/DK130 ULB [4], remove the ULB battery [28]:

CAUTION: DO NOT HOLD THE UNDERWATER LOCATOR BEACON IN A VISE. THIS CAN CAUSE DAMAGE TO THE BEACON BODY.

- Hold the ULB [4] body with a radiator hose 1-1/4 Inch Diameter, 5 Inch Length, STD-1066 [22].
- (b) Use the spanner wrench, COM-1619 [21] to remove the end cap [25] that is identified BATTERY ACCESS.
- (c) Remove the rubber shock cushion [27] from the battery end if it is not removed with the end cap [25].
- (d) Hit the ULB [4] lightly to remove the battery [28].

C. Installation Procedure

SUBTASK 31-31-09-420-008

Make sure that the new battery is the same as the battery code on the ULB label. See the table below.

NOTE: It is necessary to replace the removed Battery Code C with a new Battery Code C. Battery Codes B and D are interchangeable.

BATTERY CODE	REQUIRED BATTERY KIT
В	810-2007/K
С	810-2008/K
D	810-2007/K

- 1					
	EFFECTIVITY AKS ALL	SOURCE MRB	DFDR ULB BATTERY REPLACEMENT		
			D633A109-AKS 31-150-00-01	Page 4 6	



DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	31-150			
AKS ALL; FLIG	SHT D	ATA R	RECORDERS WITH	I DUKANE	ULBS (Continu	ied)		MECH	INSP	
(2)	Insta	all the	ULB battery, G024	440 [28].						
()	NOTE: The Dukane 810-2007/K battery or the Dukane 810-2008/K are 6 year lithium									
	batteries used in the Dukane model DK120 and DK140 ULB.									
	NOTE: Battery, O-ring and lubricant are provided in battery replacement kit. (a) Put a new battery replacement label [23] on the ULB [4] body.									
							III D			
	(b)	batte	ery that you installe	ed.		replacement date for the				
		NOT	E: The date label on your mainte		•	vrite in a replacement d	ate based			
	CAL	JTION	-	VES. CON	ITAMINATION (N FROM THE THREAD CAN CAUSE DAMAGE USE LEAKS.				
	(c)	Clea	n the threads and	the O-ring	contact area in	the ULB [4] body.				
	CAL	JTION	: MAKE SURE TI CAUSE PERMA			ECT. INCORRECT POL EBEACON.	ARITY CAN			
	(d)		the new battery, G S END in first.	02440 [28]	in the ULB [4]	with the end identified II	NSERT			
	(e)	Do tl	nese steps to test	the beaco	n off-current:					
		1)	Put the positive p positive end of th		-	ultimeter, COM-1793 or	n the			
		2)	Put the negative	probe on t	he outer surface	e of the ULB [4].				
		3)	Make sure that the or less.	ne multime	ter shows an el	ectrical current of 3 mic	roamperes			
			a) If the curren	nt is more t	han 3 microam _l	peres, then replace the	ULB.			
	(f)	Rem	ove and discard th	ne used O-	ring [26] from tl	he end cap [25].				
	CAU	JTION	-	VES. CON	ITAMINATION (N FROM THE THREAD CAN CAUSE DAMAGE USE LEAKS.				
	(g)	Clea	n the threads and	the O-ring	groove in the U	JLB [4] body.				
	(h)		y a thin layer of lul ve, and threads.	bricant, D5	50082 to the nev	w o-ring, G50275 [26], (O-ring			
	(i)	Insta	all the new o-ring, (G50275 [2	6] on the end ca	ap [25].				
	(j)	Put t	he rubber shock c	ushion [27] smoothly on tl	he end cap [25].				
	(k)	Put t	he end cap [25] in	to the ULE	3 [4] body.					
	(I)		the spanner wrenge touches the ULE			ten the end cap [25] un	til the cap			
		NOT	<u>E</u> : Only use hand	I force on t	he spanner wre	ench, COM-1619 [21].				
				- END OF	TASK ——					
		S ALL		SOURCE MRB	DFDR ULB BAT	TTERY REPLACEMENT				
					D633A109-AKS 31-150-00-01	;		age 5 un 15/		



737-600/700/800/900 TASK CARDS

DATE TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD NO. 31-150-00-01 месн I INSP AKS ALL; FLIGHT DATA RECORDERS WITH DATASONIC ULBS TASK 31-31-09-960-802 Teledyne Benthos Underwater Locator Beacon Battery - Replacement (Figure 4) Α. General (1) This procedure contains the steps to replace the Teledyne Benthos ULB battery. **Prepare for the Removal** SUBTASK 31-31-09-860-001 Measure the battery voltage of the ELP-362D ULB [4]. Use a high-impedance digital voltmeter with a minimum input impedance of 10 Megohms. Put the negative meter lead on the water switch. Put the positive meter lead on the bare aluminum surface of the beacon housing. (b) Read the voltmeter. Removal Procedure SUBTASK 31-31-09-800-002 If the measured voltage is less than 6.0 Volts, send the ELP-362D ULB [4] to the manufacturer for servicing. SUBTASK 31-31-09-020-006 If the measured voltage is 6.0 Volts or more, remove the battery, G50272 [28] from the ELP-362D ULB [4]: CAUTION: DO NOT HOLD THE ULB WITH A VISE. THIS CAN CAUSE DAMAGE TO THE ULB. Hold the ULB [4] body with a radiator hose - 1-1/4 Inch Diameter, 5 Inch Length, STD-1066. Use the underwater locator beacon torque adapter, COM-2543 to remove the end-cap [25] identified as "BATTERY ACCESS". (c) Turn the housing up to remove the battery from the unit. Discard the battery [28]. NOTE: Refer to local instructions when you discard the battery [28]. Installation Procedure SUBTASK 31-31-09-420-002 Install the ULB battery, G50272 [28]: Set the battery [28] until the arrow points to the top end of the unit. NOTE: The battery label has an arrow mark. On the date label [23], write the next scheduled replacement date for the new ULB battery that you installed. NOTE: The date label [23] is blank so you can write in a replacement date based on your maintenance schedule. **FFFFCTIVITY** SOURCE DFDR ULB BATTERY REPLACEMENT **AKS ALL MRB**

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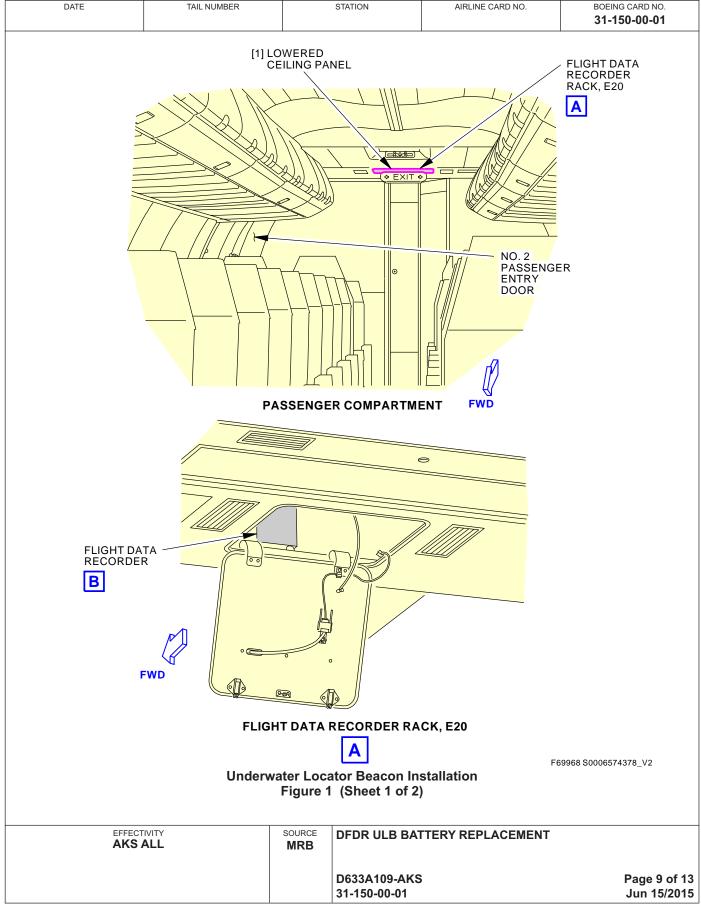
737-600/700/800/900 **TASK CARDS**

DATE			TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD 31-150-00-						
AKS ALL; FLI	GHT D	ATA F	RECORDERS WITH	I DATASO	NIC ULBS (Con	tinued)	•	MECH	INS
	CAL	JTION	O-RING GROO	VES. CON		N FROM THE THREAD CAN CAUSE DAMAGE JSE LEAKS.			
	(c)	Clea	an the threads and	the O-ring	g contact area in	the ULB [4] body.			
	CAL	MOITL	-		ERY [28] CORR NT DAMAGE TO	ECTLY. INCORRECT THE ULB.	POLARITY		
	(d)		the new battery, Ga S END in first.	50272 [28]] in the ULB [4] \	with the end identified I	NSERT		
	(e)	Do t	hese steps to test	the beaco	n off-current:				
		1)	Put the positive p positive end of the		-	ultimeter, COM-1793 o	n the		
		2)	Put the negative	probe on t	he outer surface	of the ULB [4].			
		3)	Make sure that the or less.	ne multime	eter shows an ele	ectrical current of 3 mic	croamperes		
		4)	If the current is m	ore than 3	3 microamperes,	then replace the ULB	[4].		
	(f)	Ren	nove and discard th	ne O-ring [[26] from its groo	ove in the end-cap [25]	•		
	CAL	JTION	O-RING GROO	VES. CON		N FROM THE THREAD CAN CAUSE DAMAGE JSE LEAKS.			
	(g)	Clea	an the threads and the O-ring groove in the end cap.						
		NOT	E: Lubricant and	Lubricant and O-ring are supplied in the battery replacement kit.					
	(h)		ly a thin layer of lul ove, and threads.	bricant, D5	50082 to the nev	v o-ring, G50273 [26],	O-ring		
	(i)	Put	the lubricated o-rin	ıg, G50273	3 [26] in the end	-cap groove.			
	(j)	Atta	ch the end-cap [25	i] to the ho	ousing.				
	(k)		the underwater loo cap [25] tightly.	cator beac	on torque adapt	er, COM-2543 to insta	I the		
			COM-2543.			ocator beacon torque a	adapter,		
	(I)	Torq	ue the end-cap [25	5] to 25 to	30 inch pounds.				
AKS ALL									
			-	- END OF	TASK ———				
		ECTIVITY		SOURCE MRB	DFDR ULB BAT	TERY REPLACEMENT			
					D633A109-AKS 31-150-00-01			age 7 un 15/	



	I	DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO.)-00-01	
	TAS	K 31	-31-09	-400-801	·				MECH	INSP
4.	Und	lerwa	ter Lo	cator Beacon Installa	tion					
	(Fig	ure 1)							
	A.	Inst	allatio	n Procedure						
		(1)	Do th	nese steps to install the	ULB [4] o	n the AlliedSign	al solid state flight data	recorder [2]	:	
			(a)	Make sure that the wa	ter switch	end of the ULB	[4] has no grease or dir	t.		
			(b)	Clean the water switch detergent cleaner, B00		_B [4] with a wea	ak general purpose hou	sehold		
			(c)	Put the ULB [4] in the	cradle on t	he flight data re	corder [2].			
			(d)	Make sure you can rea	ad the repl	acement date o	n the ULB [4].			
			(e)	Install the screw(s) [3]	that hold t	he clamp on the	e end of the ULB.			
			(f)	Tighten the scews [3] t	o 23 ±3 in	-lb (3 ±1 N·m).				
		SUBT	ASK 31-31	-09-700-004						
		(2)	Do o	ne of these tasks to tes	t the ULB:					
			TASI TASI AMM AMM Test	31-31-09-960-804 or1 TASK 31-31-09-700-81 TASK 31-31-09-700-8	Underwate Underwate 02 or Unde 01 or Unde 09-700-80	er Locator Beace er Locator Beace erwater Locator erwater Locator 03 or Underwate	on Test with a PL1 Test on Test with a ATS-260 Beacon Test with a PL3 Beacon Test with a Sear Locator Beacon Test	Test Set, 3 Test Set, acom TS100	- 1	
		SUBT	ASK 31-31	-09-420-006						
		(3)	Do th	nis task: Flight Data Re	corder Inst	tallation, AMM T	ASK 31-31-11-400-802			
				-09-410-002						
		(4)	Close	e the lowered ceiling pa	anel.					
					- END OF	TASK ———				
				CTIVITY S ALL	SOURCE MRB	DFDR ULB BAT	TERY REPLACEMENT			
						D633A109-AKS 31-150-00-01	;		Page 8 Feb 15/	







737-600/700/800/900 TASK CARDS

DATE TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD NO. 31-150-00-01 UNDERWATER LOCATOR UNDERWATER **BEACON** LOCATOR BEACON -B-B 8-8-C C [3] SCREW (4 LOCATIONS) (o` [2] FLIGHT DATA RECORDER [3] SCREW [2] FLIGHT DATA (2 LOCATIONS) RECORDER **FLIGHT DATA RECORDER FLIGHT DATA RECORDER** REPLACEMENT DATE WATER [6] UNDERWATER **SWITCH** LOCATOR BEACON **UNDERWATER LOCATOR BEACON** (EXAMPLE) F69975 S0006574379_V3 **Underwater Locator Beacon Installation** Figure 1 (Sheet 2 of 2) EFFECTIVITY SOURCE DFDR ULB BATTERY REPLACEMENT **AKS ALL MRB** D633A109-AKS Page 10 of 13 Jun 15/2015 31-150-00-01



737-600/700/800/900 TASK CARDS

DATE TAIL NUMBER STATION AIRLINE CARD NO. BOEING CARD NO. 31-150-00-01 [21] SPANNER WRENCH [4] UNDERWATER LOCATOR BEACON -[22] SPLIT HOSE (OR EQUIVALENT) [23] BATTERY **REPLACEMENT** [4] UNDERWATER LABEL **LOCATOR** BEACON WATER SWITCH [25] END CAP [26] O-RING [27] RÜBBER SHOCK [28] BATTERY **CUSHION** E11040 S0006417281_V2 **Underwater Locator Beacon Battery Replacement** Figure 2 AKS ALL; FLIGHT DATA RECORDERS WITH DUKANE ULBS SOURCE **DFDR ULB BATTERY REPLACEMENT MRB** D633A109-AKS Page 11 of 13

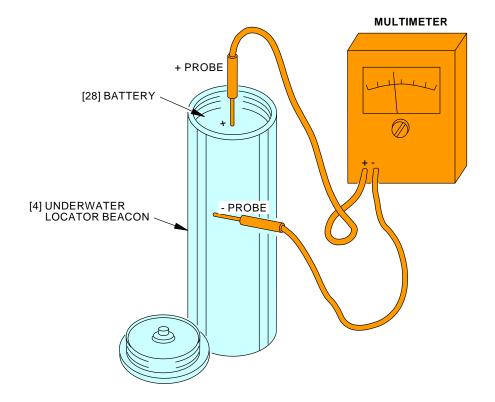
31-150-00-01

Oct 15/2014



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				31-150-00-01



2279078 S0000514233_V2

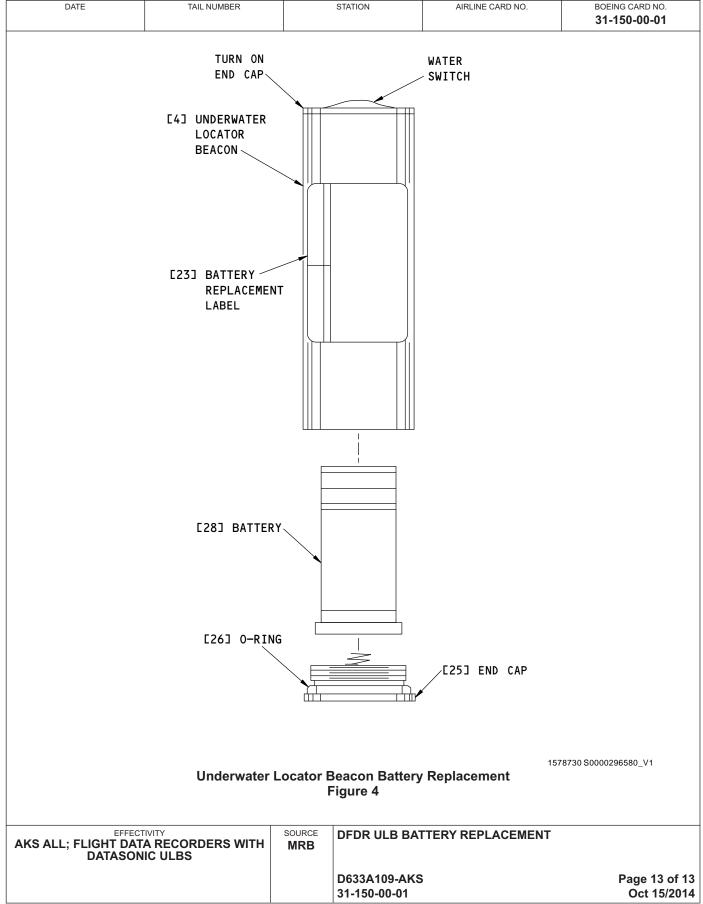
Beacon Off-Current Test Figure 3

AKS ALL; FLIGHT DATA RECORDERS WITH DUKANE ULBS

SOURCE MRB

DFDR ULB BATTERY REPLACEMENT
D633A109-AKS
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737-600/700/800/900 **TASK CARDS**

AIRLINE	E CARD NO	CAPTAIN'S DISPLAY UNITS VENTILATION HOLE			BOEING CARD NO. 31-160-01-01	
DATE	TASK RESTORE		CLEANING			D CARD
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 6000 FH	REPEAT 6000 FH	APPLICABILITY AIRPLANE ENGINE	
STATION	SKILL AVION	NOTE			ALL	ALL
		ACCESS			ZONE 211 212	

Restore (Clean) all lint, dust and debris from the ventilation holes located on the aft side of the captain's primary flight, navigation, and center lower engine display units.

INTERVAL NOTE: Display unit lint, dust and debris accumulation rates are dependent on operator environment, route structure and time of the year. Airline operators are encouraged to evaluate their particular 737NG operating environment, accompanied with debris findings at time of cleaning to identify and implement the most effective and economic maintenance interval. Operators should negotiate with their local regulatory agency to adjust intervals to a best fit for their individual operational environments.

References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 31-62-00-710-801	Common Display System - Operational Test (P/B 501)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-2618	Cleaner - Vacuum
	Part #: 98606 Supplier: 08531 Part #: BP80 Supplier: \$0373 Part #: R80 Supplier: \$0373 Part #: RSV130 Supplier: \$1291 Opt Part #: 02146A Supplier: 0A5X2 Opt Part #: 44SPEC Supplier: 0Y8U0 Opt Part #: 655406-7M Supplier: 0Y8U0 Opt Part #: C-39485-41 Supplier: 16893 Opt Part #: C-39485-42 Supplier: 16893 Opt Part #: WD80 Supplier: \$0373

EFFECTIVITY AKS ALL	SOURCE MRB	CAPTAIN'S DISPLAY UNITS VENTILATION HOLE CLEANING		
		D633A109-AKS 31-160-01-01	Page 1 of 8 Oct 15/2015	



[DATE TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C. 31-160-				
TAS	K 31	-62-11	-000-801					MECH	INS
			Removal						
	ure 1)								
A.	Ren	noval	Procedu	re					
	SUBTA	ASK 31-6	2-11-860-001						
	(1)	For	the applica	able display	unit open these circuit bre	eakers and install safety ta	igs:		
		CAF		-	Panel, P18-2				
		Ro		<u> </u>	Name				
		D	_	C01372	DISPLAY CART INDE				
		D D	•	C01365 C01363	DISPLAY CAPT INBD DISPLAY CAPT OUTBE)			
		D	-	001303	DIGI LAT GAL T GOTBL	,			
		F/O		l System Pa	nel, P6-1				
		Ro		Number	<u>Name</u>				
		E							
		E E		C01366 C01373	DISPLAY F/O INBD DISPLAY CTR LWR				
	CUDT	_	2-11-800-001	001070	DIOI LAI OTT LWIT				
				DEDCONC	AND FOLUDIATING OF FAR		DOL		
	VVA	KNIN			AND EQUIPMENT CLEAF THRUST REVERSERS, A				
					AN MOVE SUDDENLY W				
					AN CAUSE INJURIES TO	PERSONS AND DAMAG	SE TO		
	(0)			PMENT.					
	(2)				r is removed from the fligh hydraulic power, do this t				
					11-00-860-805.	ask. Hydraulic System A (JI D I OWEI		
	SUBTA	ASK 31-6	2-11-020-001						
	CAL	JTION	I: DO NO	T TOUCH T	HE CONNECTOR PINS (OR OTHER CONDUCTOR	RS ON THE		
	<u> </u>		_		YOU TOUCH THESE CON				
			DISCH	ARGE CAN	CAUSE DAMAGE TO TH	E DISPLAY UNIT.			
	(3)	3) Do these steps to remove the display UNIT [1] from the instrument panel:							
		NOT			display UNIT [1] is installed				
			top. A botton		ay UNIT [1] are installed w	vith the latch mechanism a	at the		
	(a) Release the quarter-turn fastener [2] on the handle [3] of the display UNIT [1].								
	(b) Pull the handle [3] to approximately 90 degrees from the face of the display UNIT [1].								
		(c)			splay unit is being remove	d, move the speed brake	lever from		
		` '			o the UP position.				
				-	peed brake lever will prov	ride the clearance needed	to remove		
			t	the center lo	wer display unit.				
								1	1

AKS ALL SOURCE MRB		CAPTAIN'S DISPLAY UNITS VENTILATION HOLE CLEANING				
			Page 2 Oct 15/2			



DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING C/ 31-160-		
(d)	Pull the display UNIT [1]	out carefully to remove	it from the instrument pa	anel.	MECH	INSP
(e)	Push the handle [3] until	·				
(f)	Turn and lock the quarte	er-turn fastener [2] on the	e handle of the display U	NIT [1].		
(g)	Put protective covers on	the electrical connector	S.			
(h)	If the center lower displathe UP position to the De		, move the speed brake	lever from		
	1) Make sure the spe	ed brake lever is in the [DOWN and locked positi	on.		
	<u> </u>	END OF TASK ———				
EFFE AK	CTIVITY S ALL	SOURCE CAPTAIN'S DIS	SPLAY UNITS VENTILATION	ON HOLE CLE	EANIN	G
		D633A109-AKS	3		Page 3 eb 15/2	



DATE			TAIL NUMBER	TAIL NUMBER STATION AIRLINE CARD NO. BOEING 31-16							
	TAS	K 31-62-11	-100-803	_				MECH	INSP		
2.	How	ow to Clean the Holes on the Rear of the Display Unit									
	A. Procedure										
		SUBTASK 31-6			014 04 00 44 00						
		(1) Do this task: Display Unit Removal, TASK 31-62-11-000-801.									
		SUBTASK 31-62-11-210-001 (2) Examine the air holes on the rear of the display unit.									
		SUBTASK 31-6		real of th	c display drift.						
		(3) If co	ntamination causes a blo s on the rear of the displ		more than 50 p	ercent of the holes, the	n clean the				
		SUBTASK 31-6	2-11-100-007								
		CAUTION		COMPRE	SSED AIR WILL	THE HOLES ON THE PUSH CONTAMINAT GE TO THE EQUIPMEN	ION INTO				
		(4) Do t	his step to clean the hole	es on the i	rear of the displa	ay unit.					
		(a)	Remove all lint, dust, at the display unit with a v				the rear of				
SUBTASK 31-62-11-410-001											
		(5) Do t	his task: Display Unit Ins	stallation, ⁻	TASK 31-62-11-	400-801.					
		subtask 31-62 (6) Do t	²⁻¹¹⁻⁸⁶⁰⁻⁰⁰⁷ his task: Remove Electri	cal Dower	·	22.00.960.912					
		(0) D0 t				-22-00-000-012.					
	——— END OF TASK ———										
			ECTIVITY S ALL	SOURCE MRB	CAPTAIN'S DIS	PLAY UNITS VENTILATION	ON HOLE CL	EANIN	G		
					D633A109-AKS 31-160-01-01			Page 4 un 15/			



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CA 31-160-		
TASK 31-62-11-	-400-801				MECH	INSP
0 0: 1 11.11						

Display Unit Installation

(Figure 1)

A. General

The installation procedure includes an installation test. The installation test makes sure that the display UNIT [1] is connected correctly to ARINC 429 feedback busses.

Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
1	UNIT	31-11-21-06-095	AKS ALL
		31-11-31-06-025	AKS ALL
		31-11-51-08-035	AKS ALL
		31-11-81-02-020	AKS ALL
		31-62-11-03-105	AKS 001-027

C. Installation Procedure

SUBTASK 31-62-11-860-002

(1) For the applicable display unit:

Open these circuit breakers and install safety tags:

CAPT Electrical System Panel, P18-2

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	2	C01372	DISPLAY CTR UPR
D	3	C01365	DISPLAY CAPT INBD
D	4	C01363	DISPLAY CAPT OUTBD

F/O Electrical System Panel, P6-1

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
Ε	10	C01364	DISPLAY F/O OUTBD
Ε	11	C01366	DISPLAY F/O INBD
Ε	12	C01373	DISPLAY CTR LWR

SUBTASK 31-62-11-800-002

WARNING: KEEP PERSONS AND EQUIPMENT CLEAR OF THE FLIGHT CONTROL

SURFACES, THE THRUST REVERSERS, AND THE LANDING GEAR. THESE COMPONENTS CAN MOVE SUDDENLY WHEN YOU MOVE THE CONTROL COLUMN. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO

EQUIPMENT.

Make sure hydraulic power is removed from the flight controls before you move the control column. To remove hydraulic power, do this task: Hydraulic System A or B Power Removal, AMM TASK 29-11-00-860-805.

EFFECTIVITY AKS ALL	SOURCE MRB	CAPTAIN'S DISPLAY UNITS VENTILATION HOLE CLI	EANIN	G
			Page 5 un 15/2	



737-600/700/800/900 TASK CARDS

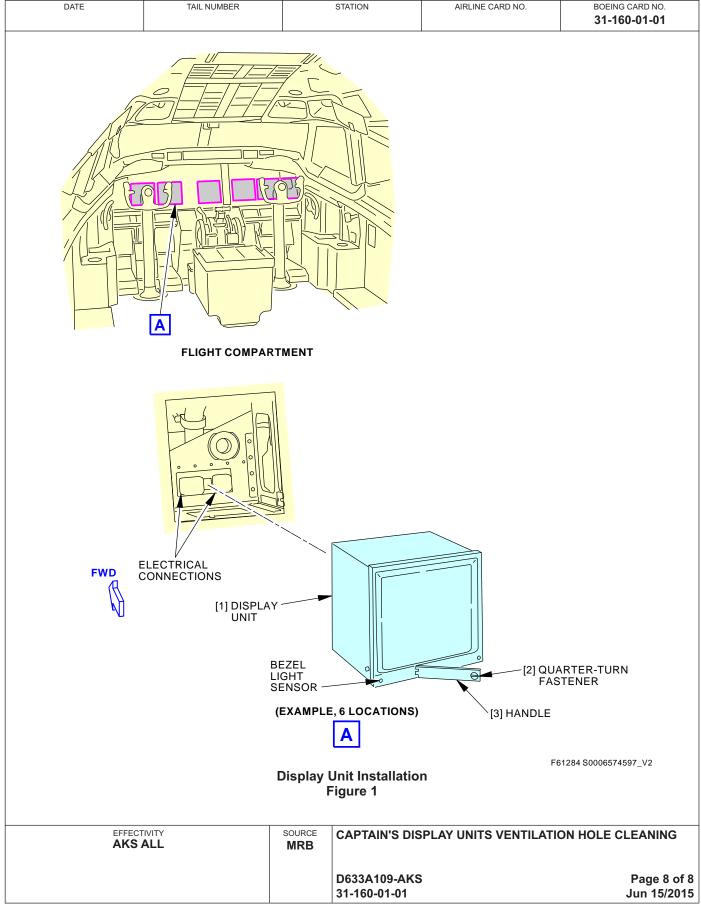
			IAS	K CARDS				
DATE	Т	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C 31-160		_
SUBTASK 31-62	2-11-420-001						MECH	IN
CAUTION	DISPLA	AY UNIT. IF Y	OU TOUCH	H THESE CON	R OTHER CONDUCTO DUCTORS, ELECTRO DISPLAY UNIT.			
(3) Do tl	nese steps	s to install the	e display ur	it:				
NOT		p. You install			T [1] with the latch mec with the latch mechani			
(a)	Remove	the protectiv	e covers fro	m the electrica	I connectors.			
(b)	Examine	the electrica	I connector	s for bent or br	oken pins, dirt, and dan	nage.		
(c)	Release	the quarter-t	urn fastene	r [2] on the han	dle [3] of the display UN	NIT [1].		
(d)	Pull the h UNIT [1].		approximate	ely 90 degrees	from the face of the dis	play		
(e)		nter lower dis /N position to		•	move the speed brake	lever from		
		Moving the spude the center low		•	de the clearance neede	d to install		
(f)	Put the d	lisplay UNIT	[1] carefully	into its position	n in the instrument pane	el.		
(g)	Push the	display UNI	T [1] forwar	d until it stops.				
(h)	Push the	handle [3] u	ntil it is flat	against the fac	e of the display UNIT [1].		
(i)	Turn and	lock the qua	rter-turn fas	stener [2] on th	e handle of the display	UNIT [1].		
(j)		nter lower dis osition to the		-	move the speed brake	lever from		
	1) Mal	ke sure the s	peed brake	lever is in the	DOWN and locked posi	tion.		
SUBTASK 31-62	2-11-860-003							
(4) For t	he applica	able display ι	unit:					
Rem	ove the sa	afety tags an	d close the	se circuit break	ers:			
CAP	T Electric	cal System F	Panel, P18-	2				
Rov		-	<u>Name</u>					
D	2	C01372	DISPLAY	CTR UPR				
D	3	C01365	DISPLAY	CAPT INBD				
D	4	C01363	DISPLAY	CAPT OUTBD				
F/O	Electrical	System Pa	nel. P6-1					
Rov		Number	<u>Name</u>					
Е	10	C01364	DISPLAY	F/O OUTBD				
Е		C01366	DISPLAY	F/O INBD				
E	12	C01373	DISPLAY	CTR LWR				
	CTIVITY		SOURCE MRB	CAPTAIN'S DIS	SPLAY UNITS VENTILAT	ON HOLE CL	EANIN	C

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	DATE			TAIL NUM	IBER		STATION	AIRLINE CARD NO.	31-160		
	SUBTA	ASK 31-62-11	1-800-0	03						MECH	INSP
	(5)	Make	sure	that the	-	e start levers RATE tags.	on the P8 aisle	stand are in the CUTO	FF position,		
	(0)	ASK 31-62-11			ما د اند		E avented has	al to CONT for a maining	of 10		
	(6)	secon	ds.				·	el to CONT for a minim			
					use the	e EECs to tra	ansmit all of the	download limits to the	DEU.		
D.	Installation Test										
		ASK 31-62-11									
	(1)	Do this	s tas	k: Supply	' Electr	rical Power,	AMM TASK 24-2	22-00-860-811.			
	SUBTASK 31-62-11-860-005										
	(2)	-					y unit, then do th	•			
		. ,	Set th		RDU	switch on th	e captain's disp	lay select module to the	ENG PRI		
	SUBTA	ASK 31-62-11	1-710-0	01							
	(3)	Make	sure	the appli	cable (display UNI ⁻	Γ [1] is not blank				
	(4)	If you	insta	lled the lo	ower-c	enter multi-f	function display	(MFD), then do these s	teps:		
		. ,		sure the	_	-	Video Surveilla	nce System (FDEVSS)	can show		
		١	NOTE	E: Video-	-capab	ole MFDs are	e required.				
				_	•		-	switch in the flight deck	is in the ON		
				position.							
		:	2)	Make sur	re that	this circuit b	oreaker is closed	i :			
				F/O Elec	trical	System Pai	nel, P6-12				
				Row	<u>Col</u>	<u>Number</u>	<u>Name</u>				
				В	1	C01641	SURVEILLANG	CE CAMERA			
		;	3)	Press the	e DSPI	L button on t	the Camera Cor	ntrol Panel (CCP), M300	00.		
		•	4)	Make sur	re that	a video ima	ge appears on t	he lower-center MFD.			
	SUBTA	ASK 31-62-11	1-710-0	02							
	(5)					rational test SK 31-62-0	,	is task: Common Displa	ay System -		
	SUBTA	ASK 31-62-11									
	(6)	Do this	s tas	k: Remov	e Elec	ctrical Power	r, AMM TASK 24	-22-00-860-812.			
						— END OF	TASK				
		EFFECT AKS				SOURCE MRB	CAPTAIN'S DIS	PLAY UNITS VENTILATI	ON HOLE CL	EANIN	IG
							D633A109-AKS 31-160-01-01			Page 7 Oct 15/	
							ht © Unnublished Work - Se				









737-600/700/800/900 **TASK CARDS**

AIRLINE	CARD NO	FIRST OFFICER'S DISPLAY UNITS VENTILATION			BOEING CARD NO. 31-160-02-01		
DATE	TASK RESTORE		HOLE CLEANING	RELATED CARD			
TAIL NUMBER	WORK AREA CREW CABIN	VERSION 1.1	THRESHOLD 3000 FH	REPEAT 3000 FH	APPLICABILITY AIRPLANE ENGINE		
STATION	SKILL AVION	NOTE			ALL	ALL	
		ACCESS			ZONE 211 212		

Restore (Clean) all lint, dust and debris from the ventilation holes located on the aft side of the first officer's primary flight, navigation, and upper center engine display units.

INTERVAL NOTE: Display unit lint, dust and debris accumulation rates are dependent on operator environment, route structure and time of the year. Airline operators are encouraged to evaluate their particular 737NG operating environment, accompanied with debris findings at time of cleaning to identify and implement the most effective and economic maintenance interval. Operators should negotiate with their local regulatory agency to adjust intervals to a best fit for their individual operational environments.

References

Reference	Title
AMM 24-22-00-860-811	Supply Electrical Power (P/B 201)
AMM 24-22-00-860-812	Remove Electrical Power (P/B 201)
AMM 29-11-00-860-805	Hydraulic System A or B Power Removal (P/B 201)
AMM 31-62-00-710-801	Common Display System - Operational Test (P/B 501)

B. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Description	
Cleaner - Vacuum	
Part #: 98606 Supplier: 08531 Part #: BP80 Supplier: \$0373 Part #: R80 Supplier: \$0373 Part #: RSV130 Supplier: \$1291 Opt Part #: 02146A Supplier: 0A5X2 Opt Part #: 44SPEC Supplier: 0Y8U0 Opt Part #: 655406-7M Supplier: 0Y8U0 Opt Part #: C-39485-41 Supplier: 16893 Opt Part #: C-39485-42 Supplier: 16893 Opt Part #: WD80 Supplier: \$0373	
	Cleaner - Vacuum Part #: 98606 Supplier: 08531 Part #: BP80 Supplier: \$0373 Part #: R80 Supplier: \$1291 Opt Part #: 02146A Supplier: 0A5X2 Opt Part #: 44SPEC Supplier: 0Y8U0 Opt Part #: 655406-7M Supplier: 0Y8U0 Opt Part #: C-39485-41 Supplier: 16893 Opt Part #: C-39485-42 Supplier: 16893

EFFECTIVITY AKS ALL	SOURCE MRB	FIRST OFFICER'S DISPLAY UNITS VENTILATION HOLE CLEANING				
		D633A109-AKS 31-160-02-01	Page 1 of 8 Oct 15/2015			



	DATE		-	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 31-160-		
TA (216.24	CO 44	000 004					0.100	месн	Т
			-000-801							t
	piay (jure 1		emoval							
(1 19										
A.	Ren	noval l	Procedu	re						
			-11-860-001							
	(1)	For the	ne applica	able display	unit open th	ese circuit brea	kers and install safe	ty tags:		
				-	Panel, P18-	-2				
		Row			<u>Name</u>					
		D	2	C01372		CTR UPR				
		D	3	C01365		CAPT INBD				
		D	4	C01363	DISPLAY	CAPT OUTBD				
		F/O E	Electrica	l System Pa	anel, P6-1					
		Row		-						
		Е	10	C01364	DISPLAY	F/O OUTBD				
		Е	11		DISPLAY					
		Е	12	C01373	DISPLAY	CTR LWR				
	SUBT	ASK 31-62	-11-800-001							
			COMP COLU	ONENTS C	AN MOVE S	SUDDENLY WH	ND THE LANDING G EN YOU MOVE TH PERSONS AND DAI	E CONTROL		
	(2)	contr	ol columr	n. To remove		ower, do this ta	controls before you sk: Hydraulic Syster			
	SUBT	ASK 31-62	-11-020-001							
	CAL	JTION	DISPLA	AY UNIT. IF	YOU TOUC	H THESE CONI	R OTHER CONDUC DUCTORS, ELECTF DISPLAY UNIT.			
	(3)	Do th	ese step	s to remove	the display	UNIT [1] from th	ne instrument panel:			
		NOT		II other displ			with the latch mechath the latch mechani			
		(a)	Release	the quarter-	turn fastene	r [2] on the han	dle [3] of the display	UNIT [1].		
		. ,	Pull the I UNIT [1]		approximat	ely 90 degrees	from the face of the	display		
		(c)			splay unit is to the UP po		, move the speed br	ake lever from		
				-	speed brake wer display	•	le the clearance nee	eded to remove		
			CTIVITY		SOURCE	FIRST OFFICE	R'S DISPLAY UNITS \	/ENTIL ATION HO		1

EFFECTIVITY AKS ALL	SOURCE MRB	FIRST OFFICER'S DISPLAY UNITS VENTILATION HOCLEANING	DLE	
			Page 2 of Oct 15/20	- 1



DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	31-160		
(d)	Pull the display UNIT [1] out care	efully to remove i	it from the instrument p	anel.	MECH	INSF
(e)			-				
(f)	Turn and lock the quar		•		-		
(g)	Put protective covers	on the elec	trical connectors	3.			
(h)	If the center lower disp the UP position to the			move the speed brake	lever from		
	1) Make sure the sp	oeed brake	lever is in the D	OWN and locked posi	tion.		
		- END OF	TASK ——				
	FECTIVITY KS ALL	source MRB	FIRST OFFICER CLEANING	R'S DISPLAY UNITS VEN	ITILATION HO)LE	
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			31-160-02-01			eb 15/	



		DATE	TAIL NUMBER		STATION	AIRLINE CARD NO.	31-160		
	TAS	K 31-62-11-	100-803					MECH	INSP
2.	How	to Clean th	ne Holes on the Rear	of the Dis	play Unit				
	A.	Procedure							
		SUBTASK 31-62-1	11-010-001						
		(1) Do thi	is task: Display Unit Re	emoval, TA	ASK 31-62-11-00	00-801.			
		SUBTASK 31-62-1		.					
		(2) Exam	ine the air holes on the	e rear of th	ne display unit.				
		SUBTASK 31-62-1		ookoao of	more than EO n	arount of the balon the	n alaan tha		
		` '	on the rear of the disp	_	more than 50 p	ercent of the holes, the	n clean the		
		SUBTASK 31-62-1	11-100-007						
		CAUTION:	THE DISPLAY UNIT.	COMPRE	SSED AIR WILI	THE HOLES ON THE L PUSH CONTAMINAT GE TO THE EQUIPMEN	ION INTO		
		(4) Do thi	is step to clean the hole	es on the	rear of the displa	ay unit.			
		` '	Remove all lint, dust, a the display unit with a v			t and exhaust holes on 18.	the rear of		
		SUBTASK 31-62-1	11-410-001						
		(5) Do thi	is task: Display Unit Ins	stallation,	TASK 31-62-11-	400-801.			
		SUBTASK 31-62-1							
		(6) Do thi	is task: Remove Electri	ical Power	r, AMM TASK 24	1-22-00-860-812.			
				END OF	TASK ———				
		EFFEC AKS		SOURCE MRB	FIRST OFFICER CLEANING	R'S DISPLAY UNITS VEN	TILATION HO	DLE	ı
					D633A109-AKS 31-160-02-01			Page 4 Jun 15/	



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD 31-160-02-	

TASK 31-62-11-400-801

MECH INSP

Display Unit Installation

(Figure 1)

A. General

The installation procedure includes an installation test. The installation test makes sure that the display UNIT [1] is connected correctly to ARINC 429 feedback busses.

Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
1	UNIT	31-11-21-06-095	AKS ALL
		31-11-31-06-025	AKS ALL
		31-11-51-08-035	AKS ALL
		31-11-81-02-020	AKS ALL
		31-62-11-03-105	AKS 001-027

C. Installation Procedure

SUBTASK 31-62-11-860-002

(1) For the applicable display unit:

Open these circuit breakers and install safety tags:

CAPT Electrical System Panel, P18-2

Row	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	2	C01372	DISPLAY CTR UPR
D	3	C01365	DISPLAY CAPT INBD
D	4	C01363	DISPLAY CAPT OUTBD

F/O Electrical System Panel, P6-1

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Ε	10	C01364	DISPLAY F/O OUTBD
Е	11	C01366	DISPLAY F/O INBD
Ε	12	C01373	DISPLAY CTR LWR

SUBTASK 31-62-11-800-002

WARNING: KEEP PERSONS AND EQUIPMENT CLEAR OF THE FLIGHT CONTROL SURFACES, THE THRUST REVERSERS, AND THE LANDING GEAR. THESE COMPONENTS CAN MOVE SUDDENLY WHEN YOU MOVE THE CONTROL COLUMN. THIS CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO

EQUIPMENT.

Make sure hydraulic power is removed from the flight controls before you move the control column. To remove hydraulic power, do this task: Hydraulic System A or B Power Removal, AMM TASK 29-11-00-860-805.

EFFECTIVITY AKS ALL	SOURCE MRB	FIRST OFFICER'S DISPLAY UNITS VENTILATION HO CLEANING	LE	
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737-600/700/800/900 TASK CARDS

				TAS	K CARDS				
DATE		Т	AIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C		
SURT	7 SK 31-6.	2-11-420-001						MECH	INSF
		I: DO NO DISPLA	Y UNIT. IF	YOU TOUCH	H THESE CON	R OTHER CONDUCTO DUCTORS, ELECTROS DISPLAY UNIT.			
(3)	Do t	hese steps	s to install th	ne display ur	nit:				
	NOT		o. You instal			T [1] with the latch mecl] with the latch mechani			
	(a)	Remove	the protective	ve covers fro	m the electrica	Il connectors.			
	(b)	Examine	the electric	al connector	s for bent or br	oken pins, dirt, and dam	nage.		
	(c)	Release	the quarter-	turn fastene	r [2] on the han	dle [3] of the display UN	NT [1].		
	(d)	Pull the h UNIT [1].		approximate	ely 90 degrees	from the face of the dis	play		
	(e)			splay unit is to the UP pos	-	, move the speed brake	lever from		
			-	speed brake wer display	•	de the clearance neede	d to install		
	(f)	Put the d	isplay UNIT	[1] carefully	into its position	n in the instrument pane	al.		
	(g)	Push the	display UN	IT [1] forward	d until it stops.				
	(h)	Push the	handle [3] ι	until it is flat	against the fac	e of the display UNIT [1]].		
	(i)	Turn and	lock the qu	arter-turn fas	stener [2] on th	e handle of the display	JNIT [1].		
	(j)			splay unit is e DOWN po	-	, move the speed brake	lever from		
		1) Mal	ke sure the	speed brake	lever is in the	DOWN and locked posi	tion.		
SUBTA	ASK 31-6	2-11-860-003							
(4)	For t	the applica	able display	unit:					
	Rem	ove the sa	afety tags ar	nd close the	se circuit break	ers:			
	CAP	T Electric	al System	Panel, P18-	2				
	Rov		<u>Number</u>	<u>Name</u>					
	D D	_	C01372 C01365	DISPLAY	CTR UPR CAPT INBD				
	D		C01363		CAPT INBU				
			System Pa	-					
	Rov E		Number C01364	Name	F/O OUTBD				
	E								
	E		C01373						
		ECTIVITY S ALL		SOURCE MRB	FIRST OFFICE CLEANING	R'S DISPLAY UNITS VEN	ITILATION HC)LE	
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737-600/700/800/900 **TASK CARDS**

	DATE			TAIL NUMB	ER		STATION	AIRLINE CARD NO.	31-160-		
										MECH	INS
	(5)		e sur				on the P8 aisle	e stand are in the CUT	OFF position,		
	SUBTA	ASK 31-6	2-11-860	-009							
	(6) Put the engine start switches on the P5 overhead panel to CONT for a minimum of 10 seconds.										
	NOTE: This will cause the EECs to transmit all of the download limits to the DEU.										
D.	Installation Test										
	SUBTASK 31-62-11-860-004										
	(1)	Do t	his ta	sk: Supply	Electric	cal Power,	AMM TASK 24-	-22-00-860-811.			
	SUBTA	ASK 31-6	2-11-860	-005							
	(2)	If yo					y unit, then do t	·			
		(a)		the LOWEF tion.	R DU s	witch on th	ne captain's disp	play select module to the	ne ENG PRI		
	SUBTA	ASK 31-6									
	(3)						T [1] is not blanl				
	(4)	If yo	u inst	alled the lo	wer-ce	nter multi-	function display	(MFD), then do these	steps:		
		(a) Make sure the Flight Deck Entry Video Surveillance System (FDEVSS) can show on the lower-center MFD.									
			NOT	<u>ΓΕ</u> : Video-d	capable	e MFDs ar	e required.				
			1)	Make sure position.	e that tl	he P5-13 I	FE/PASS SEAT	switch in the flight ded	ck is in the ON		
			2)	Make sure	e that tl	his circuit l	breaker is close	d:			
						ystem Pa Number	nel, P6-12 Name				
				В	1 (C01641	SURVEILLAN	CE CAMERA			
			3)	Press the	DSPL	button on	the Camera Co	ntrol Panel (CCP), M30	000.		
			4)	Make sure	e that a	video ima	age appears on	the lower-center MFD.			
	SUBTA	ASK 31-6	2-11-710	-002							
	(5) To do the display unit operational test (optional), do this task: Common Display System - Operational Test, AMM TASK 31-62-00-710-801.										
	SUBTA	ASK 31-6	2-11-860	-006							
	(6)	Do t	his ta	sk: Remove	e Electi	rical Powe	r, AMM TASK 2	4-22-00-860-812.			
				-		– END OF	TASK ———				

