CHAPTER

79

OIL





737-600/700/800/900 TASK CARDS

CHAPTER 79 OIL

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	3	Jun 15/2015								
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 $A = Added, \ R = Revised, \ D = Deleted, \ O = Overflow, \ C = Customer \ Originated \ Change$

79-EFFECTIVE PAGES





737-600/700/800/900 TASK CARDS

AIRLINE	AIRLINE CARD NO		OIL SUPPLY FILTER ELEMENT - LEFT ENGINE			CARD NO. 1-01-01
DATE	TASK REPLACE				RELATE	D CARD
TAIL NUMBER	WORK AREA LEFT ENGINE	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC.	ABILITY ENGINE
STATION	SKILL AIRPL				ALL	ALL
		ACCESS 413			ZONE 411	

Remove and replace the left engine oil supply filter element.

A. References

Reference	Title
AMM 12-13-11-600-801	Replenish the Engine Oil (P/B 301)
AMM 70-10-02-910-801-F00	General Precautions During the Removal and Installation of Engine Components (P/B 201)
AMM 71-00-00-800-811-F00	Power Plant Test Reference Table (P/B 501)
AMM 71-11-02-010-801-F00	Open the Fan Cowl Panels (P/B 201)
AMM 71-11-02-410-801-F00	Close the Fan Cowl Panels (P/B 201)
AMM 79-00-00-200-805-F00	Oil Supply Filter Pop-Out Indicator Inspection (Visual Check) (P/B 601)

B. Consumable Materials

Reference	Description	Specification
D00599 [CP2442]	Oil - Engine (CFMI SB 79-0001)	CFM CP2442
D00601 [CP2101]	High-temperature graphite compound	SAE AMS 2518
G02345 [CP8001]	Wire - Safety, 0.032 Inch (0.8 mm) Diameter	CFM CP8001, AMS 5687
G50065 [CP8006]	Cable, Safety, Stainless Steel, 0.032 inch (0.813 mm) Diameter	M50 TF 9 CL-A

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
STD-195	Container - 1 Quart (1 I), Oil/Fuel Resistant

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SUPPLY FILTER ELEMENT - LEFT ENGINE	
		D633A109-AKS 79-010-01-01	Page 1 of 7 Jun 15/2016



	ı	DATE		-	TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-01-01	
	TAS	K 79.	-21-03-0	00-802	-F00					MECH	INS
1.			ly Filter								
		ure 1)									
	Α.	Gen	eral								
	,	(1)		sk is th	e removal pr	ocedure for	the oil supply fi	ilter (referred to as the fil	ter).		
		(2)			•			ccessory gearbox (AGB)	,		
			approx	imately	the 7:00 o'c	lock positior	۱.				
		(3)		_				ty of the lubrication unit h	nousing.		
		(4)	This pr	ocedur	e refers to th	e oil supply	filter housing a	s the filter housing.			
	В.	Pre	pare for	the Re	moval						
			ASK 79-21-03								
		(1)	For En	gine 1,	open these	circuit break	ers and install	safety tags:			
					cal System	-	2				
			Row	<u>Col</u>	Number C01390	Name		LIANID			
			A A	4 5	C01390 C01314		ALTN PWR C ALTN PWR C				
		SURT	ASK 79-21-03-								
		(2)				circuit break	ers and install s	safety tags:			
	F/O Electrical System Panel, P6-2										
			Row	Col	-	Name					
			D	7	C01391		ALTN PWR C				
			D	8	C01315	ENGINE 2	2 ALTN PWR C	HAN A			
			ASK 79-21-03			0 10	L. A B 4B 4 TA OLC	74 44 00 040 004 500			
		(3)				n Cowi Pane	eis, AIVIM TASK	71-11-02-010-801-F00.			
	C.		Supply F								
			ASK 79-21-03 Drain tl		₀ housing (Fi	auro 1):					
		(1)			• • • • • • • • • • • • • • • • • • • •	,	nt container ST	D-195, below the filter.			
			(a) F	utait	juart (1 1) Oil/	iuei resistai	it container, 31	D-193, below the litter.			
			EFFECTIV			SOURCE MRB	OIL SUPPLY FI	ILTER ELEMENT - LEFT E	NGINE		
							D633A109-AKS	3	,	Page 2 Jun 15/	
_						-					



DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING 0		
	WAR	ENGINE IS F	OT. THESE	E COMPONENT	OF THE OIL SYSTEM IF S STAY HOTTER THAN CAN BURN YOU.		MECH	INSP
	WAR	ZERO. THE F AFTER AN E	PRESSURE NGINE SH	E GOES TO ZEF UTDOWN. A PR	IL THE PRESSURE GO RO APPROXIMATELY 5 ESSURIZED ENGINE C CAN BURN YOU.	MINUTES		
	WAR		FOR PRO	TECTION OR L	UT ON GOGGLES AND ET THE ENGINE BECO			
	CAU	IMMEDIATEL'	Y CLEAN T		GINE OR OTHER COM NT IF OIL FALLS ON IT. ER.			
	(b)	Remove the drain plu	ug [9] from t	the bottom of the	e cover [7].			
		1) Let the oil drain	from the fil	lter housing.				
	(c)	Remove and discard	the packing	g [8].				
SUBT	ASK 79-21-	03-020-002-F00						
(2)	Remo	ove the filter element	[4] (Figure	1):				
	. ,	Remove the three bo filter housing.	olts [10], wa	shers [1] and nu	ts [2] that attach the cov	er [7] to the		
	` ,	Remove the cover [7	-	_	•			
	` ,	Remove and discard	•					
	(d)	Remove and discard	the filter el	ement [4], packi	ng [3] and packing [5].			
		Install a protective co Removal and Installa TASK 70-10-02-910-	ation of Eng	_	eneral Precautions During s, AMM	g the		
			— END OF	TASK ———				
		ALL	SOURCE MRB	OIL SUPPLY FI	LTER ELEMENT - LEFT E	NGINE		
				D633A109-AKS	3		Page 3 eb 15/	
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737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				79-010-01-01

TASK 79-21-03-400-801-F00

MECH INSP

2. Oil Supply Filter Installation

(Figure 1)

A. General

- (1) This task is the installation procedure for the oil supply filter (referred to as the filter).
- (2) This procedure refers to the oil supply filter housing as the filter housing.

B. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
3	Packing	79-21-01-01A-105	AKS ALL
4	Filter element	79-21-01-01A-110	AKS ALL
5	Packing	79-21-01-01A-105	AKS ALL
6	Packing	79-21-01-01A-100	AKS ALL
8	Packing	79-21-01-01A-075	AKS ALL

C. Prepare for the Installation

SUBTASK 79-21-03-100-001-F00

- (1) Do these steps to prepare the filter housing for the installation General Precautions During the Removal and Installation of Engine Components, AMM TASK 70-10-02-910-801-F00:
 - (a) Make sure that the mating flanges to the cover [7] and the filter housing are clean and in good condition.
 - (b) Make sure that the grooves of the new filter element [4] are clean and in good condition.
 - (c) Remove the protective cover from the filter housing.

D. Oil Supply Filter Installation

SUBTASK 79-21-03-420-001-F00

- (1) Install the filter element [4] (Figure 1):
 - (a) Lubricate the new packing [3], [5], [6] and [8] with oil, D00599 [CP2442].

CAUTION: MAKE SURE THAT YOU INSTALL THE PACKINGS CORRECTLY DURING THE INSTALLATION OF THE FILTER ELEMENT. IF YOU DO NOT INSTALL THE PACKINGS CORRECTLY, OIL LOSS CAN OCCUR DURING ENGINE OPERATION AND CAN CAUSE DAMAGE TO THE ENGINE.

- (b) Install the packing [3] and packing [5] on the filter element [4].
- (c) Install the packing [6] on the cover [7].
- (d) Carefully, engage the new filter element [4], with its packings [3] and [5], in the filter housing.
- (e) Install the cover [7] on the filter housing.
- (f) Lubricate the bolts [10] with graphite compound, D00601 [CP2101].
- (g) Install the three bolts [10], washers [1] and nuts [2] that attach the cover [7] to the filter housing.

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SUPPLY FILTER ELEMENT - LEFT ENGINE	
		D633A109-AKS 79-010-01-01	Page 4 of 7 Oct 15/2015

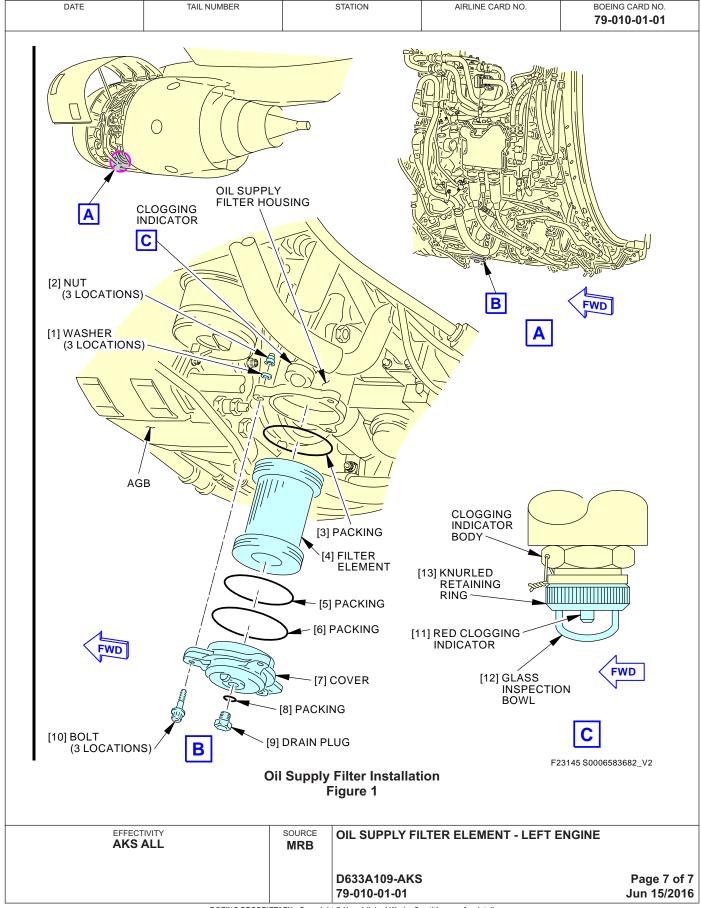


	DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-01-01	
			1)	Tighten the bolts	[10] to 45-	50 pound-inche	s (5.0-5.5 Newton mete	ers).	MECH	INSP
		(h)	Insta	all the packing [8]	on the drai	n plug [9].				
		(i)	Insta	all the drain plug [9	9] on the co	over [7].				
			1)	Tighten the drain	plug [9] to	45-50 pound-in	iches (5.0-5.5 Newton r	neters).		
I			2)	Install safety wire plug [9].	e, G02345	[CP8001] or cat	ole, G50065 [CP8006] c	on the drain		
	SUBTA	ASK 79-21	1-03-210	-001-F00						
	(2)	Do a	visu	al check of the red	l clogging i	ndicator [11].				
		(a)	If yo	u can see the red	clogging ir	ndicator [11], the	n do these steps:			
			1)	Do the steps belo	ow to set th	ne red clogging i	indicator [11].			
			2)	Do this task: Oil 3			cator Inspection (Visual	Check),		
		(b)		u can not see the ane back to its us			then do the steps below	w to put the		
	SUBTA	ASK 79-21	1-03-820	-001-F00						
	(3)	Set t	he re	d clogging indicate	or [11] (Fig	ure 1):				
		(a)	Mar	ually remove the l	knurled reta	aining ring [13].				
		(b)	Ren	nove the glass insp	pection bov	vI [12].				
		(c)	Pus	h the button on the	e red clogg	ing indicator [11] to the retracted position	n.		
			NO	ΓΕ: The button mu	ust stay in t	the retracted pos	sition.			
		(d)	Insta	all the glass inspec	ction bowl	[12].				
		(e)	Lub	ricate the knurled i	retaining ri	ng [13] with oil, I	D00599 [CP2442].			
		(f)	Insta	all the knurled reta	ining ring [13] with your ha	nd.			
		(g)	Mak	e sure that the red	d clogging i	indicator [11] sta	ys in its retracted positi	on.		
I		(h)		all safety wire, G02 ining ring [13] and	_	-	50065 [CP8006] to the y.	knurled		
E.	Put	the A	irpla	ne Back to Its Us	ual Condi	tion				
	SUBTA	ASK 79-21	I-03-410	-002-F00						
	(1)	Do th	nis ta	sk: Close the Fan	Cowl Pane	els, AMM TASK	71-11-02-410-801-F00.			
	SUBTA	ASK 79-21	1-03-860	-007-F00						
	(2)	For E	Engin	e 1, remove the sa	afety tags	and close these	circuit breakers:			
		CAP	T Ele	ectrical System P		2				
		Rov		Col Number	<u>Name</u>	– –				
		A		4 C01390 5 C01314		I ALTN PWR CH				
		А		5 C01314	ENGINE	I ALTN PWR CH	IAN A			
			CTIVITY		SOURCE MRB	OIL SUPPLY FII	TER ELEMENT - LEFT E	ENGINE		
						D633A109-AKS 79-010-01-01			Page 5 Jun 15/	
									_	



	DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C 79-010			
	SUBTA	SK 79-21-0	3-860-008-F0	00			1		MECH	INSP	
	(3)	For Er	ngine 2,	remove the s	afety tags a	and close these	circuit breakers:				
				I System Par							
		Row D	<u>Col</u> 7	Number C01301	Name	2 ALTN PWR CH	JANI D				
		D	8			2 ALTN PWR CH					
F.	Oil S	Supply	Filter Ir	nstallation Te	st						
			3-800-001-F0								
	(1)			nat are listed i 00-800-811-F0		er Plant Test Ref	erence Table, AMM				
	SUBTASK 79-21-03-610-002-F00										
	(2)			is low, do this 1-600-801.	task: Repl	enish the Engine	e Oil, AMM				
					- END OF	TASK ——					
		EFFECT AKS			SOURCE MRB	OIL SUPPLY FIL	TER ELEMENT - LEFT E	NGINE			
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737-600/700/800/900 TASK CARDS

AIRLIN	E CARD NO	OIL SUPPLY FILTER ELEMENT - RIGHT ENGINE			BOEING CARD NO. 79-010-02-01		
DATE	TASK REPLACE				RELATE	D CARD	
TAIL NUMBER	WORK AREA RIGHT ENGINE	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC.	ABILITY ENGINE	
STATION	SKILL AIRPL				ALL	ALL	
		ACCESS 423			ZONE 421		

Remove and replace the right engine oil supply filter element.

A. References

Reference	Title
AMM 12-13-11-600-801	Replenish the Engine Oil (P/B 301)
AMM 70-10-02-910-801-F00	General Precautions During the Removal and Installation of Engine Components (P/B 201)
AMM 71-00-00-800-811-F00	Power Plant Test Reference Table (P/B 501)
AMM 71-11-02-010-801-F00	Open the Fan Cowl Panels (P/B 201)
AMM 71-11-02-410-801-F00	Close the Fan Cowl Panels (P/B 201)
AMM 79-00-00-200-805-F00	Oil Supply Filter Pop-Out Indicator Inspection (Visual Check) (P/B 601)

B. Consumable Materials

Reference	Description	Specification
D00599 [CP2442]	Oil - Engine (CFMI SB 79-0001)	CFM CP2442
D00601 [CP2101]	High-temperature graphite compound	SAE AMS 2518
G02345 [CP8001]	Wire - Safety, 0.032 Inch (0.8 mm) Diameter	CFM CP8001, AMS 5687
G50065 [CP8006]	Cable, Safety, Stainless Steel, 0.032 inch (0.813 mm) Diameter	M50 TF 9 CL-A

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
STD-195	Container - 1 Quart (1 I), Oil/Fuel Resistant

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SUPPLY FILTER ELEMENT - RIGHT ENGINE	
		D633A109-AKS 79-010-02-01	Page 1 of 7 Jun 15/2016



737-600/700/800/900 TASK CARDS

	DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-02-01					
TΔS	K 79-21-03-	.000-802	-F00					MECH					
	Oil Supply Filter Removal												
	Figure 1)												
A.	General												
	(1) This task is the removal procedure for the oil supply filter (referred to as the filter).												
	` '		n unit is locat the 7:00 o'c			cessory gearbox (AGB)	at						
	(3) The e	engine ha	as one oil sur	oply filter ins	stalled in a cavit	y of the lubrication unit	housing.						
	(4) This	orocedur	e refers to th	e oil supply	filter housing a	s the filter housing.							
B.													
suвтаsк 79-21-03-860-005-F00 (1) For Engine 1, open these circuit breakers and install safety tags:													
	, ,	_	cal System			carety tage.							
	Row		_	Name	_								
	Α	4	C01390		1 ALTN PWR CI								
	А	5	C01314	ENGINE '	1 ALTN PWR CI	HAN A							
	SUBTASK 79-21-03-860-006-F00												
	(2) For Engine 2, open these circuit breakers and install safety tags:												
	Row D D		I System Pa Number C01391 C01315	<u>Name</u> ENGINE 2	2 ALTN PWR CI 2 ALTN PWR CI								
	subtask 79-21-03-010-002-F00 (3) Do this task: Open the Fan Cowl Panels, AMM TASK 71-11-02-010-801-F00.												
C.		03-680-002-F the filte	տ r housing (Fig		nt container, ST	D-195, below the filter.							
		ALL		SOURCE MRB	OIL SUPPLY FI	LTER ELEMENT - RIGHT	ENGINE						
					D633A109-AKS	3		Page 2					

79-010-02-01

Jun 15/2015



DATE		TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING 0		
	WAR	ENGINE IS	HOT. THESE	E COMPONENT	OF THE OIL SYSTEM IF S STAY HOTTER THAN CAN BURN YOU.		MECH	INSP
	WAR	ZERO. THE AFTER AN E	PRESSURE	E GOES TO ZEF UTDOWN. A PR	IL THE PRESSURE GO RO APPROXIMATELY 5 ESSURIZED ENGINE C CAN BURN YOU.	MINUTES		
	WAR		T FOR PRO	TECTION OR L	UT ON GOGGLES AND ET THE ENGINE BECO			
	CAU	IMMEDIATEL	Y CLEAN T		GINE OR OTHER COM NT IF OIL FALLS ON IT. ER.			
	(b)	Remove the drain p	lug [9] from t	the bottom of the	e cover [7].			
		1) Let the oil drai	n from the fil	ter housing.				
	(c)	Remove and discard	d the packing	g [8].				
SUBTA	ASK 79-21-	-03-020-002-F00						
(2)	Remo	ove the filter elemen	t [4] (Figure	1):				
	. ,	Remove the three b filter housing.	olts [10], wa	shers [1] and nu	its [2] that attach the cov	er [7] to the		
	` ,	Remove the cover [-	_	•			
	. ,	Remove and discard						
	(d)	Remove and discard	d the filter ele	ement [4], packi	ng [3] and packing [5].			
	, ,	Install a protective of Removal and Install TASK 70-10-02-910	ation of Eng	_	eneral Precautions During s, AMM	g the		
			— END OF	TASK ———				
		S ALL	SOURCE MRB	OIL SUPPLY FI	LTER ELEMENT - RIGHT	ENGINE		
				D633A109-AKS	3		Page 3 eb 15/	
		POEING PRO	DDIETADY Convice	ht © Unnublished Work - S	on title mage for details			



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				79-010-02-01

TASK 79-21-03-400-801-F00

MECH INSP

2. Oil Supply Filter Installation

(Figure 1)

A. General

- (1) This task is the installation procedure for the oil supply filter (referred to as the filter).
- (2) This procedure refers to the oil supply filter housing as the filter housing.

B. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
3	Packing	79-21-01-01A-105	AKS ALL
4	Filter element	79-21-01-01A-110	AKS ALL
5	Packing	79-21-01-01A-105	AKS ALL
6	Packing	79-21-01-01A-100	AKS ALL
8	Packing	79-21-01-01A-075	AKS ALL

C. Prepare for the Installation

SUBTASK 79-21-03-100-001-F00

- (1) Do these steps to prepare the filter housing for the installation General Precautions During the Removal and Installation of Engine Components, AMM TASK 70-10-02-910-801-F00:
 - (a) Make sure that the mating flanges to the cover [7] and the filter housing are clean and in good condition.
 - (b) Make sure that the grooves of the new filter element [4] are clean and in good condition.
 - (c) Remove the protective cover from the filter housing.

D. Oil Supply Filter Installation

SUBTASK 79-21-03-420-001-F00

- (1) Install the filter element [4] (Figure 1):
 - (a) Lubricate the new packing [3], [5], [6] and [8] with oil, D00599 [CP2442].

CAUTION: MAKE SURE THAT YOU INSTALL THE PACKINGS CORRECTLY DURING THE INSTALLATION OF THE FILTER ELEMENT. IF YOU DO NOT INSTALL THE PACKINGS CORRECTLY, OIL LOSS CAN OCCUR DURING ENGINE OPERATION AND CAN CAUSE DAMAGE TO THE ENGINE.

- (b) Install the packing [3] and packing [5] on the filter element [4].
- (c) Install the packing [6] on the cover [7].
- (d) Carefully, engage the new filter element [4], with its packings [3] and [5], in the filter housing.
- (e) Install the cover [7] on the filter housing.
- (f) Lubricate the bolts [10] with graphite compound, D00601 [CP2101].
- (g) Install the three bolts [10], washers [1] and nuts [2] that attach the cover [7] to the filter housing.

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SUPPLY FILTER ELEMENT - RIGHT ENGINE	
		D633A109-AKS 79-010-02-01	Page 4 of 7 Oct 15/2015

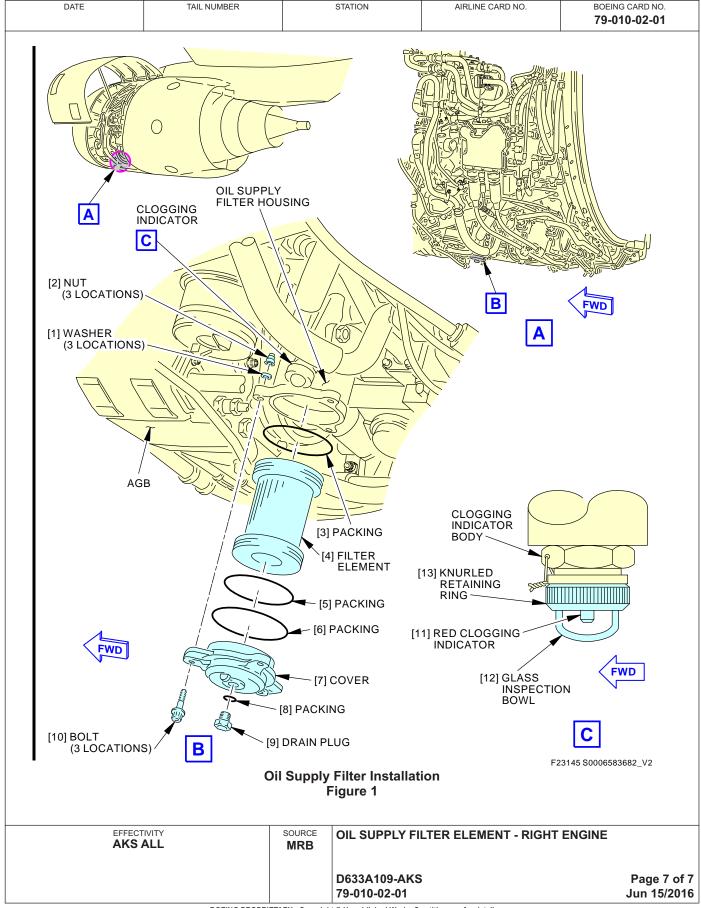


	DATE		-	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING 0 79-010				
			1) Tig	hten the bolts	[10] to 45-	50 pound-inche	s (5.0-5.5 Newton meters	s).	MECH	INSP		
		(h)	, -	e packing [8] o		•	•	,				
		(i)	Install the	e drain plug [9	on the co	over [7].						
			1) Tig	hten the drain	plug [9] to	45-50 pound-in	nches (5.0-5.5 Newton me	eters).				
ı			,	tall safety wire g [9].	e, G02345	[CP8001] or cal	ole, G50065 [CP8006] on	the drain				
	SU	IBTASK 79-2	1-03-210-001-F0	00								
	(2	?) Do a	a visual ch	eck of the red	l clogging i	ndicator [11].						
		(a)	If you ca	n see the red	clogging ir	ndicator [11], the	n do these steps:					
			1) Do	the steps belo	ow to set th	ne red clogging	indicator [11].					
			,	this task: Oil S M TASK 79-00		•	cator Inspection (Visual C	heck),				
		(b)		n not see the i back to its usu			then do the steps below	to put the				
	SU	IBTASK 79-2	1-03-820-001-F0	00								
	(3	s) Set	the red clo	ogging indicate	or [11] (Fig	ure 1):						
		(a)	Manually	remove the k	knurled reta	aining ring [13].						
		(b)	Remove	the glass insp	ection bov	vl [12].						
		(c)	Push the	button on the	e red clogg	ing indicator [11] to the retracted position					
			NOTE:	The button mu	ıst stay in t	he retracted po	sition.					
		(d)	Install th	e glass inspec	ction bowl [[12].						
		(e)	Lubricate	e the knurled r	etaining rin	ng [13] with oil, l	D00599 [CP2442].					
		(f)	Install the	e knurled retai	ining ring [13] with your ha	ınd.					
		(g)	Make su	re that the red	l clogging i	ndicator [11] sta	rys in its retracted position	n.				
I		(h)				001] or cable, G ng indicator bod	50065 [CP8006] to the kr y.	nurled				
	E. P											
	SU	IBTASK 79-2	1-03-410-002-F0	00								
	(1) Do t	his task: C	Close the Fan	Cowl Pane	els, AMM TASK	71-11-02-410-801-F00.					
	su		1-03-860-007-F0									
	(2	?) For	Engine 1,	remove the sa	afety tags a	and close these	circuit breakers:					
		CAF		cal System Pa		2						
		Roy			Name							
		A A				ALTN PWR CH						
		A	3	001314	LINGINE	ALIN FWR CI	IAIVA					
			S ALL		SOURCE MRB	OIL SUPPLY FII	LTER ELEMENT - RIGHT E	NGINE	1			
						D633A109-AKS 79-010-02-01			Page 5 un 15/2			



	DATE		-	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING C 79-010		
	SUBTA	SK 79-21-0	3-860-008-F0	00					MECH	INSP
	(3)	For Er	igine 2,	remove the s	afety tags	and close these	circuit breakers:			
				I System Par						
		Row D	7	Number C01391	Name ENGINE 2	2 ALTN PWR CH	IAN R			
		D	8			2 ALTN PWR CH				
F.	Oil S	Supply	Filter Ir	nstallation Te	st					
	SUBTA	SK 79-21-0	3-800-001-F0	00						
	(1)			nat are listed i 0-800-811-F0		er Plant Test Ref	ference Table, AMM			
			3-610-002-F0							
	(2)			is low, do this 1-600-801.	task: Repl	enish the Engine	e Oil, AMM			
					- END OF	TASK ——				
		EFFECT AKS			SOURCE MRB	OIL SUPPLY FIL	TER ELEMENT - RIGHT E	NGINE		
						D633A109-AKS 79-010-02-01			Page 6 Oct 15/	
					1	1				









737-600/700/800/900 TASK CARDS

AIRLINE	AIRLINE CARD NO		TITLE FILTER ELEMEN	BOEING CARD NO. 79-040-01-01		
DATE	TASK REPLACE				RELATE	D CARD
TAIL NUMBER	WORK AREA LEFT ENGINE	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC.	ABILITY ENGINE
STATION	SKILL AIRPL				ALL	ALL
		ACCESS 413			ZONE 411	

Remove and replace the left engine oil scavenge filter filter element.

A. References

Reference	Title
AMM 12-13-11-100-801	Flush The Engine Oil System (P/B 301)
AMM 12-13-11-600-801	Replenish the Engine Oil (P/B 301)
AMM 70-10-02-910-801-F00	General Precautions During the Removal and Installation of Engine Components (P/B 201)
AMM 71-00-00-800-811-F00	Power Plant Test Reference Table (P/B 501)
AMM 71-00-02-000-801-F00	Power Plant Removal (P/B 401)
AMM 71-00-02-400-801-F00	Power Plant Installation (P/B 401)
AMM 71-11-02-010-801-F00	Open the Fan Cowl Panels (P/B 201)
AMM 71-11-02-410-801-F00	Close the Fan Cowl Panels (P/B 201)
AMM 72-56-00-000-801-F00	Oil Supply Line Cleaning (P/B 701)
AMM 72-56-00-100-802-F00	Oil Scavenge Line Cleaning (P/B 701)
AMM 72-56-00-300-801-F00	Oil Supply Tube Replacement (P/B 801)
AMM 73-21-08-000-801-F00	EEC Alternator and Alternator Rotor Removal (P/B 401)
AMM 73-21-08-400-801-F00	EEC Alternator and Alternator Rotor Installation (P/B 401)
AMM 79-00-00-200-804-F00	Chip Detectors and Scavenge Screens Inspection (P/B 601)
AMM 79-00-00-200-806-F01	Aft Sump Oil System Inspection (P/B 601)
AMM 79-21-01-400-802-F00	Packing Replacement On The Inner Sealing Spool (Lubrication Unit Installed) (P/B 801)
AMM 79-21-01-400-803-F00	Packing Replacement On The Inner and Outer Sealing Spools (Lubrication Unit Removed) (P/B 801)
AMM 79-21-05-400-804-F00	Magnetic Chip Detector (MCD) Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
D00599 [CP2442]	Oil - Engine (CFMI SB 79-0001)	CFM CP2442
D00640 [CP2104]	Lubricant - Molybdenum Disulfide, Solid - Molykote G	CFM CP2104
D00673 [CP2569]	Lubricant - Molybdenum Disulfide, Solid - Dow Corning G-n Metal Assembly	CFM CP2569

_	EFFECTIVITY AKS ALL	SOURCE MRB	OIL SCAVENGE FILTER ELEMENT - LEFT ENGINE	<u> </u>
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737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 79-040-01-01
(Continued)				
Reference	Description		Specification	on
D50019 [CP2444]	Lubricant - Molyd Molykote G-n Plu	isulfide Solid Film, Pasto s	e - CFM CP244	4
G00034	Cotton Wiper - Pr (Cheesecloth, Ga	ocess Cleaning Absorbe uze)	ent Wiper BMS15-5 Cl	ass A

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
STD-195	Container - 1 Quart (1 I), Oil/Fuel Resistant
STD-3911	Brush - Bristle, Medium Nylon

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SCAVENGE FILTER ELEMENT - LEFT ENGINE	Ε
		D633A109-AKS 79-040-01-01	Page 2 of 10 Jun 15/2015



737-600/700/800/900 TASK CARDS

					IAS	K CARDS				
I	DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	1	CARD NO. 0-01-01	
Sca				-F00 ment Remov	<u>ral</u>			ı	MECH	IN
Α.	(1)		ask is th lement)		ocedure for	the scavenge	oil filter element (referre	d to as the		
	(2)	The so	cavenge			ached to the af	t face of the accessory g	jearbox		
	(3)	Each	scavenç	je oil filter ass	sembly has	a scavenge oi	filter element and a filte	r bowl.		
	(4)		_		-	_	the scavenge oil filter as			
	(5)	This p	rocedur	e refers to the	e scavenge	oil filter assem	nbly as the filter assemble	y.		
В.	Pre	pare for	the Re	emoval						
	SUBT	- ASK 79-21-0	6-860-001-F(00						
	(1)	For Er	ıgine 1,	open these o	circuit break	ers and install	safety tags:			
		CAPT		cal System F	Panel, P18-	2				
		Row	Col	Number	<u>Name</u>	– –				
		A A	4 5	C01390 C01314		ALTN PWR C ALTN PWR C				
	OUDT	ASK 79-21-0			LINGINL	ALINEWIX	HANA			
	(2)				circuit break	ers and install	safety tags:			
	()			' I System Pai			, 0			
		Row	Col	-	<u>Name</u>					
		D	7	C01391		ALTN PWR C				
		D	8	C01315	ENGINE 2	2 ALTN PWR C	HAN A			
		ASK 79-21-0			0 15		774 44 00 040 004 500			
	(3)	Do this	s task: (Open the Fan	Cowl Pane	els, AMM TASK	71-11-02-010-801-F00.			
		AKS A			SOURCE MRB	OIL SCAVENG	E FILTER ELEMENT - LE	FT ENGINE		
						D633A109-AK	s	ſ	Page 3	
					1	70 040 04 04			Jun 15/	2

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737-600/700/800/900 TASK CARDS

	DATE			TAIL NUMBER		STATION	AIRLINE CARD NO.	79-040-0		
C.	Filte	er Ele	ment	Removal				N	ИЕСН	INS
	SUBTA	ASK 79-2	1-06-420	-004-F00						
	WA	RNIN	_ IS		MPONENT	S STAY HOTT	HE OIL SYSTEM IF THE ER THAN OTHER COM			
	WA	RNIN	_ TI EI	HE PRESSURE GO	DES TO ZI N. A PRES	ERO APPROX SSURIZED EN	IE PRESSURE GOES T IMATELY 5 MINUTES A IGINE CAN RELEASE A	FTER AN		
	WAI	RNIN	_ E(ROTECTI		ON GOGGLES AND OTH HE ENGINE BECOME (
	CAL	OITL	- IM		N THE CO	MPONENT IF	OR OTHER COMPON OIL FALLS ON IT. OIL			
	(1)	Ren	nove t	he filter bowl [4]:						
		(a)	Put	a 1 quart (1 l) oil/fu	el resistan	t container, ST	D-195, below the filter a	issembly.		
		(b)	Pus	h the ratchet lever	with one h	and.				
			NOT	E: This releases t	he filter bo	owl.				
		(c)		le you push on the other hand.	ratchet lev	er, loosen the	filter bowl [4] counterclo	ckwise with		
			NOT	lugs at the bott	om of the	filter bowl. Use	e of a large screwdriver the screwdriver only as bowl and to loosen it.			
		(d)	Ren	nove the filter bowl	[4].					
			1)	Let the oil in the f	ilter bowl [4] drain into the	e container.			
			2)	Examine the oil for	or unusual	color or grit co	ntent.			
		(e)	Ren	nove and discard th	ne packing	[3] from the file	ter bowl [4].			
	SUBTA	ASK 79-2	1-06-810	-001-F00						
	(2)			r bowl is seized and ary to do these ste		element remov	al is for the Oil Filter By	pass alert, it		
		(a)		ume the filter eleme put the engine bac			Do the checks that follo	ow before		
		(b)		tinue to the check of anted debris.	of the filter	element and o	do the applicable steps f	or these		
			1)	unusual debris						
			2)	black packing del	oris					
			3)	aluminum debris						
	SUBTA	ASK 79-2	1-06-020	-001-F00						
	(3)	Pull	the fil	ter element [2] fror	n the filter	housing.				
		EFFE	ECTIVITY	,	SOURCE	OIL SCAVENG	E FILTER ELEMENT - LE	FT FNGINE		

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

				79-040	-01-01	
mine the filter elem	ent and th	e inside of the f	ilter bowl [4] for unusua	debris.	MECH	INSF
nusual debris is fou	nd, do this	task: Chip Dete				
Do the corrective	action for	the unusual cor	ntamination.			
			m the inner and outer s	ealing spool		
these tasks: Pack Unit Installed), AM On The Inner and	king Repla MM TASK I Outer Se	cement On The 79-21-01-400-8 aling Spools (Lu	Inner Sealing Spool (L 02-F00 and Packing Re	ubrication eplacement		
			tinue-in-service limit of	250 cycles		
different per	sons prior	to the close of		ed] by two		
				k. The		
b) Do the deter	ctor install	ation check aga	in each time the fan co	wls are		
uminum debris is fo	ound, do th	nese steps:				
			Rotor Removal, AMM			
Do a visual check damage.	of the EE	C alternator and	d rotor for debris and ob	ovious		
Examine the alter	nator roto	r area in the AG	B for damage.			
tasks:Power	r Plant Rer	moval, AMM TA	SK 71-00-02-000-801-F	F00 and		
,	_			ve the		
			stem, AMM			
		•	_	ement every		
			drained from bowl is ur	nusually		
				Oil System		
Y -	SOURCE MRB	OIL SCAVENGE	FILTER ELEMENT - LEI	FT ENGINE		
		D633A109-AKS 79-040-01-01			_	
	nusual debris is fou pection, AMM TASK Do the corrective ack packing debris res on the lubrication Replace the pack these tasks: Pack Unit Installed), AM On The Inner and TASK 79-21-01-4 If you do not replate is permitted with the a) All three definition different per TASK 79-21 NOTE: The second by Do this task: EEC TASK 73-21-08-0 Do a visual check damage. Examine the alternal a) If there is datasks: Power Plant to a lift there is not debris in the condition of the condition	nusual debris is found, do this pection, AMM TASK 79-00-00. Do the corrective action for ack packing debris is found, it es on the lubrication unit, do Replace the packing on the these tasks: Packing Replat Unit Installed), AMM TASK On The Inner and Outer Se TASK 79-21-01-400-803-F0. If you do not replace these is permitted with these cond a) All three detectors are different persons prior TASK 79-21-05-400-8 NOTE: The first persons b) Do the detector install opened. uminum debris is found, do the Do this task: EEC Alternato TASK 73-21-08-000-801-F0. Do a visual check of the EE damage. Examine the alternator roto a) If there is damage in the tasks: Power Plant Rein Power Plant Installation b) If there is no damage debris in the AGB pad c) Install a new EEC alternator Rotor Install d) Do this task: Flush The TASK 12-13-11-100-80 Re-examine the AGB/TGB of the AGB/TGB of the AGB	nusual debris is found, do this task: Chip Deta bection, AMM TASK 79-00-00-200-804-F00. Do the corrective action for the unusual corack packing debris is found, it is probably froges on the lubrication unit, do these steps: Replace the packing on the inner and outer these tasks: Packing Replacement On The Unit Installed), AMM TASK 79-21-01-400-8 On The Inner and Outer Sealing Spools (Luta TASK 79-21-01-400-803-F00. If you do not replace these packings, a conis permitted with these conditions: a) All three detectors are examined for confiferent persons prior to the close of TASK 79-21-05-400-804-F00). NOTE: The first person does the initiated person does the initiated person does the second person person does the second person person does the second person does the second person does the second person does the second person does the s	Ausual debris is found, do this task: Chip Detectors and Scavenge Spection, AMM TASK 79-00-00-200-804-F00. Do the corrective action for the unusual contamination. ack packing debris is found, it is probably from the inner and outer ses on the lubrication unit, do these steps: Replace the packing on the inner and outer spool of the lubrication these tasks: Packing Replacement On The Inner Sealing Spool (Lunit Installed), AMM TASK 79-21-01-400-802-F00 and Packing Re On The Inner and Outer Sealing Spools (Lubrication Unit Remove TASK 79-21-01-400-803-F00. If you do not replace these packings, a continue-in-service limit of is permitted with these conditions: a) All three detectors are examined for correct installation [locked different persons prior to the close of the fan cowls (AMM TASK 79-21-05-400-804-F00). NOTE: The first person does the initial installation and checked second person does the second check. b) Do the detector installation check again each time the fan coopened. uminum debris is found, do these steps: Do this task: EEC Alternator and Alternator Rotor Removal, AMM TASK 73-21-08-000-801-F00. Do a visual check of the EEC alternator and rotor for debris and old amage. Examine the alternator rotor area in the AGB for damage. a) If there is damage in the AGB, replace the engine. These are tasks:Power Plant Removal, AMM TASK 71-00-02-000-801-Power Plant Installation, AMM TASK 71-00-02-400-801-F00. b) If there is no damage in the AGB but debris was found, remodebris in the AGB pad and clean as necessary. c) Install a new EEC alternator and rotor, do this task: EEC Alternator Rotor Installation, AMM TASK 73-21-08-400-801-F00. d) Do this task:Flush The Engine Oil System, AMM TASK 12-13-11-100-801. Re-examine the AGB/TGB chip detector and scavenge oil filter elector of the AGB roth of t	Do the corrective action for the unusual contamination. ack packing debris is found, it is probably from the inner and outer sealing spool es on the lubrication unit, do these steps: Replace the packing on the inner and outer spool of the lubrication unit. Do these tasks: Packing Replacement On The Inner Sealing Spool (Lubrication Unit Installed), AMM TASK 79-21-01-400-802-F00 and Packing Replacement On The Inner and Outer Sealing Spools (Lubrication Unit Removed), AMM TASK 79-21-01-400-803-F00. If you do not replace these packings, a continue-in-service limit of 250 cycles is permitted with these conditions: a) All three detectors are examined for correct installation [locked] by two different persons prior to the close of the fan cowls (AMM TASK 79-21-05-400-804-F00). NOTE: The first person does the initial installation and check. The second person does the second check. b) Do the detector installation check again each time the fan cowls are opened. uminum debris is found, do these steps: Do this task: EEC Alternator and Alternator Rotor Removal, AMM TASK 73-21-08-000-801-F00. Do a visual check of the EEC alternator and rotor for debris and obvious damage. a) If there is damage in the AGB, replace the engine. These are the tasks:Power Plant Removal, AMM TASK 71-00-02-000-801-F00 and Power Plant Installation, AMM TASK 71-00-02-400-801-F00. b) If there is no damage in the AGB but debris was found, remove the debris in the AGB pad and clean as necessary. c) Install a new EEC alternator and rotor, do this task: EEC Alternator and Alternator Rotor Installation, AMM TASK 73-21-08-400-801-F00. d) Do this task:Flush The Engine Oil System, AMM TASK 12-13-11-100-801. Re-examine the AGB/TGB chip detector and scavenge oil filter element every 10 to 20 cycles until they are found to be clean. ske/carbon debris is found in the filter or if oil drained from bowl is unusually by dark or has grit in it, do these steps: Do a Check of the AFT sump oil system for Oil Leakage Aft Sump Oil System Inspection, AMM TA	Rusual debris is found, do this task: Chip Detectors and Scavenge Screens section, AMM TASK 79-00-00-200-804-F00. Do the corrective action for the unusual contamination. ack packing debris is found, it is probably from the inner and outer sealing spool es on the lubrication unit, do these steps: Replace the packing on the inner and outer spool of the lubrication unit. Do these tasks: Packing Replacement On The Inner Sealing Spool (Lubrication Unit Installed), AMM TASK 79-21-01-400-802-F00 and Packing Replacement On The Inner and Outer Sealing Spools (Lubrication Unit Removed), AMM TASK 79-21-01-400-803-F00. If you do not replace these packings, a continue-in-service limit of 250 cycles is permitted with these conditions: a) All three detectors are examined for correct installation [locked] by two different persons prior to the close of the fan cowls (AMM TASK 79-21-05-400-804-F00). NOTE: The first person does the initial installation and check. The second person does the second check. b) Do the detector installation check again each time the fan cowls are opened. uminum debris is found, do these steps: Do this task: EEC Alternator and Alternator Rotor Removal, AMM TASK 73-21-08-000-801-F00. Do a visual check of the EEC alternator and rotor for debris and obvious damage. Examine the alternator rotor area in the AGB for damage. a) If there is damage in the AGB, replace the engine. These are the tasks:Power Plant Removal, AMM TASK 71-00-02-000-801-F00 and Power Plant Installation, AMM TASK 71-00-02-00-801-F00 and Power Plant Installation, AMM TASK 73-21-08-400-801-F00. b) If there is no damage in the AGB but debris was found, remove the debris in the AGB pad and clean as necessary. c) Install a new EEC alternator and rotor, do this task: EEC Alternator and Alternator Rotor Installation, AMM TASK 73-21-08-400-801-F00. d) Do this task:Flush The Engine Oil System, AMM TASK 12-13-11-100-801. Re-examine the AGB/TGB chip detector and scavenge oil filter element every 10 to 20 cycles until they are found t



DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CA 79-040-		
	If engine oil pressurat the next conveni	re trend does not show a ient opportunity.	a gradual increase, do t	hese tasks	MECH	INSP
	a) Do this task:0	Dil Scavenge Line Clean 00-100-802-F00.	ing, AMM			
	TASK 72-56-0	Oil Supply Line Cleaning 00-000-801-F00 or do th ;, AMM TASK 72-56-00-3	is task:Oil Supply Tube			
	3) If the engine oil predo these tasks in le	essure trend show a gradess than 25 cycles:	dual increase but is still	in the limits,		
		Oil Scavenge Line Clear 00-100-802-F00.	ning, AMM			
	TASK 72-56-0	Oil Supply Line Cleaning 00-000-801-F00 or do th ; AMM TASK 72-56-00-3	is task:Oil Supply Tube			
		oil pressure during the r		ration.		
(f)	Discard the filter elemen	nt [2] and the packing [1].				
	——-	END OF TASK ———				
EFFEC AKS		SOURCE MRB OIL SCAVENGE	FILTER ELEMENT - LEI	T ENGINE	<u> </u>	
		D633A109-AKS 79-040-01-01			age 6 o	
		1.5 5.5 5.7				



737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				79-040-01-01

TASK 79-21-06-400-801-F00

MECH INSP

2. Scavenge Oil Filter Element Installation

(Figure 1)

A. General

- (1) This task is the installation procedure for the scavenge oil filter element (referred to as the filter element).
- (2) This procedure refers to the scavenge oil filter assembly as the filter assembly.

B. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
1	Packing	79-21-04-01A-080	AKS ALL
2	Filter element	79-21-04-01A-075	AKS ALL
3	Packing	79-21-04-01A-085	AKS ALL

C. Filter Element Installation

SUBTASK 79-21-06-840-001-F00

- (1) Do these steps to prepare for the installation General Precautions During the Removal and Installation of Engine Components, AMM TASK 70-10-02-910-801-F00:
 - (a) Clean the mating interfaces of the filter housing and the filter bowl [4] with a cotton wiper, G00034.
 - (b) Make sure that the filter housing flanges and the filter bowl [4] are clean and in good condition.

SUBTASK 79-21-06-420-001-F00

- (2) Install the new filter element [2]:
 - (a) Lubricate a new packing [1] and a new packing [3] with oil, D00599 [CP2442].

CAUTION: MAKE SURE THAT YOU INSTALL THE PACKING ON THE NEW FILTER ELEMENT CORRECTLY DURING THE INSTALLATION OF THE FILTER ELEMENT. IF YOU DO NOT INSTALL THE PACKING CORRECTLY, OIL LOSS CAN OCCUR DURING ENGINE OPERATION AND CAN CAUSE DAMAGE TO THE ENGINE.

- (b) Install the packing [1] in the filter element groove.
- (c) Put the filter element bore below the filter housing core.
- (d) Push the filter element [2] on the filter housing core.

SUBTASK 79-21-06-420-002-F00

CAUTION: USE YOUR HANDS ONLY, DO NOT USE A TOOL, TO TIGHTEN THE FILTER BOWL. IF YOU DO USE TOOLS TO TIGHTEN THE FILTER BOWL, DAMAGE TO THE FILTER ASSEMBLY CAN OCCUR.

(3) Install the filter bowl [4]:

SOURCE MRB OIL SCAVENGE FILTER ELEMENT - LEFT ENGINE

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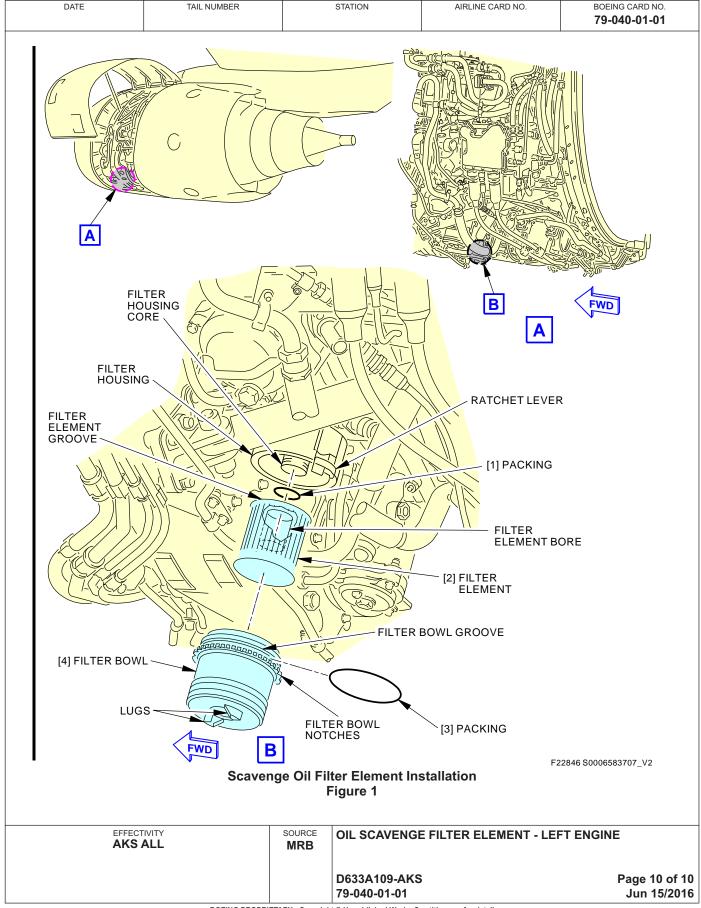


	ATE			TAIL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-01-01	
		CAU (a)	G B C T	ROOVE COR SOWL. IF YOU	RECTLY DO NOT I DO NOT I DURING EI IE.	OURING THE IN NSTALL THE F NGINE OPERA	PACKING IN THE FILTE ISTALLATION OF THE PACKING CORRECTLY, TION AND CAN CAUSE	FILTER OIL LOSS	MECH	INSP
		CAU	T IS	HAT THE LUB	RICANT D	OES NOT OVE E IS TOO MUC	SS LUBRICANT. MAKE ER FLOW AS THE FILTI H LUBRICANT, IT CAN	ER BOWL		
		(b)	mating s Dow Co	surfaces of the	filter bowl al Assembl	[4] with Molyko y lubricant, D00	lubricate the threads and te G lubricant, D00640 [0673 [CP2569], or Molyk	CP2104],		
			1) Ma	ake sure that th	nere is no e	excess lubrican	t on the filter bowl.			
			a)	If it is neces lubricant.	ssary, use a	a cotton wiper, (G00034 to remove the e	excess		
		(c)	Align the	e filter bowl [4]	with the fil	ter housing.				
		(d)	Engage	the filter bowl	[4] in the fi	Iter housing.				
		(e)	Use one bowl [4]	hand to press	the ratche	et lever to relea	se it from the notches in	the filter		
		(f)	-	r other hand to bowl [4] does		ilter bowl [4] clo	ckwise into the filter hou	ısing until		
		(g)		re that the rate assembly in it		fully engages a	notch on the filter bowl	[4] to hold		
			NOTE:	This locks the	filter bowl	to the filter hou	sing.			
D.	Put t	he Ai	rplane E	Back to Its Usi	ual Condit	tion				
	SUBTASK 79-21-06-410-002-F00									
	(1)	Do th	nis task: (Close the Fan	Cowl Pane	els, AMM TASK	71-11-02-410-801-F00.			
			-06-860-005-F							
	(2)						circuit breakers:			
		Rov		cal System Pa Number	anel, P18- <u>Name</u>	2				
		A				ALTN PWR CI	HAN B			
		Α	5			ALTN PWR CI				
	SUBTAS	SK 79-21	-06-860-006-F	00						
	(3)	For E	Engine 2,	remove the sa	afety tags a	and close these	circuit breakers:			
				l System Pan						
		Rov D	<u>v Col</u> 7		<u>Name</u> ENGINE 2	ALTN PWR C	HAN B			
			CTIVITY		SOURCE	OIL SCAVENGI	E FILTER ELEMENT - LEF	T ENGINE		
		AKS	SALL		MRB					



	DATE	-	TAIL NUMBER		STATION	AIRLINE CARD NO.	BOEING CA 79-040-		
	(Cor	⊥ itinued)					10010	месн	INSP
	-		System Pan	el, P6-2					
	Row	<u>Col</u>	<u>Number</u>	<u>Name</u>					
	D	8		ENGINE 2	2 ALTN PWR CH	IAN A			
E.									
				n the Pow	er Plant Test Ret	erence Table AMM			
					or riant root Nor	Cronoc rabic, 7 tivilvi			
E. Filter Element Installation Test SUBTASK 79-21-06-800-001-F00 (1) Do the tests that are listed in the Power Plant Test Reference Table, AMM TASK 71-00-00-800-811-F00. SUBTASK 79-21-06-610-003-F00 (2) If the oil level is low, do this task: Replenish the Engine Oil, AMM TASK 12-13-11-600-801. ———————————————————————————————————									
	 (1) Do the tests that are listed in the Power Plant Test Reference Table, AMM TASK 71-00-00-800-811-F00. SUBTASK 79-21-06-610-003-F00 (2) If the oil level is low, do this task: Replenish the Engine Oil, AMM TASK 12-13-11-600-801. 								
				LIND OI	IAON				
	EFFEC	TIVITY		SOURCE	OIL SCAVENCE	FILTER ELEMENT - LEI	T FNGINE		
	AKS			MRB	OIL GOAVEINGE		I LIAGINE		
					D633A109-AKS		Pa	ige 9 d	of 10
					79-040-01-01			ct 15/	









737-600/700/800/900 TASK CARDS

AIRLIN	AIRLINE CARD NO		OIL SCAVENGE FILTER ELEMENT - RIGHT			BOEING CARD NO. 79-040-02-01		
DATE	TASK REPLACE		ENGINE	RELATED CARD				
TAIL NUMBER	WORK AREA RIGHT ENGINE	VERSION 1.1	THRESHOLD 7500 FH	REPEAT 7500 FH	APPLIC AIRPLANE	ABILITY ENGINE		
STATION	SKILL AIRPL				ALL	ALL		
		ACCESS 423			ZONE 421			

Remove and replace the right engine oil scavenge filter filter element.

A. References

Reference	Title
AMM 12-13-11-100-801	Flush The Engine Oil System (P/B 301)
AMM 12-13-11-600-801	Replenish the Engine Oil (P/B 301)
AMM 70-10-02-910-801-F00	General Precautions During the Removal and Installation of Engine Components (P/B 201)
AMM 71-00-00-800-811-F00	Power Plant Test Reference Table (P/B 501)
AMM 71-00-02-000-801-F00	Power Plant Removal (P/B 401)
AMM 71-00-02-400-801-F00	Power Plant Installation (P/B 401)
AMM 71-11-02-010-801-F00	Open the Fan Cowl Panels (P/B 201)
AMM 71-11-02-410-801-F00	Close the Fan Cowl Panels (P/B 201)
AMM 72-56-00-000-801-F00	Oil Supply Line Cleaning (P/B 701)
AMM 72-56-00-100-802-F00	Oil Scavenge Line Cleaning (P/B 701)
AMM 72-56-00-300-801-F00	Oil Supply Tube Replacement (P/B 801)
AMM 73-21-08-000-801-F00	EEC Alternator and Alternator Rotor Removal (P/B 401)
AMM 73-21-08-400-801-F00	EEC Alternator and Alternator Rotor Installation (P/B 401)
AMM 79-00-00-200-804-F00	Chip Detectors and Scavenge Screens Inspection (P/B 601)
AMM 79-00-00-200-806-F01	Aft Sump Oil System Inspection (P/B 601)
AMM 79-21-01-400-802-F00	Packing Replacement On The Inner Sealing Spool (Lubrication Unit Installed) (P/B 801)
AMM 79-21-01-400-803-F00	Packing Replacement On The Inner and Outer Sealing Spools (Lubrication Unit Removed) (P/B 801)
AMM 79-21-05-400-804-F00	Magnetic Chip Detector (MCD) Installation (P/B 401)

B. Consumable Materials

Reference	Description	Specification
D00599 [CP2442]	Oil - Engine (CFMI SB 79-0001)	CFM CP2442
D00640 [CP2104]	Lubricant - Molybdenum Disulfide, Solid - Molykote G	CFM CP2104
D00673 [CP2569]	Lubricant - Molybdenum Disulfide, Solid - Dow Corning G-n Metal Assembly	CFM CP2569

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SCAVENGE FILTER ELEMENT - RIGHT ENGIN	NE
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737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 79-040-02-01
(Continued)				
Reference	Description		Specificatio	n
D50019 [CP2444]	Lubricant - Molyd Molykote G-n Plu	isulfide Solid Film, Paste s	e - CFM CP2444	1
G00034	Cotton Wiper - Pr (Cheesecloth, Ga	ocess Cleaning Absorbe uze)	nt Wiper BMS15-5 Cla	ass A

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
STD-195	Container - 1 Quart (1 I), Oil/Fuel Resistant
STD-3911	Brush - Bristle, Medium Nylon

EFFECTIVITY AKS ALL	SOURCE MRB	OIL SCAVENGE FILTER ELEMENT - RIGHT ENG	SINE
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	[DATE		Т	AIRLINE CARD NO.		NG CARD NO. 040-02-01				
	TASK 79-21-06-000-801-F00										INS
1.	Scavenge Oil Filter Element Removal										
=	(Figure 1)										
	Α.	Gen	oral								
A. General(1) This task is the removal procedure for the scavenge oil filter element (referred to as t filter element).											
		(2) The scavenge oil filter assembly is attached to the aft face of the accessory gearbox (AGB) at the 7:00 o'clock position.									
	(AGB) at the 7:00 o'clock position. (3) Each scavenge oil filter assembly has a scavenge oil filter element and a filter bowl.										
		(4)		_		•	_	he scavenge oil filter as			
		(5)		_				•	•		
	B. Prepare for the Removal SUBTASK 79-21-06-860-001-F00										
		(1)				circuit break	ers and install s	safety tags:			
		()	_		•	Panel, P18-		, 0			
			Row		Number	<u>Name</u>	_				
			Α	4	C01390		ALTN PWR C				
			Α	5	C01314	ENGINE 1	ALTN PWR C	HAN A			
		SUBTA	ASK 79-21-06-8								
	(2) For Engine 2, open these circuit breakers and install safety tags:										
	F/O Electrical System Panel, P6-2										
			Row	<u>Col</u>	Number 201001	Name		IANI D			
			D D	7 8	C01391 C01315		2 ALTN PWR CI 2 ALTN PWR CI				
		OUDT	ASK 79-21-06-0	_		LIVOIIVE 2	ALINI WICO	1741 74			
		(3)				n Cowl Pane	ls AMM TASK	71-11-02-010-801-F00.			
		(5)	DO tilis	task. C	pen the rai	1 Oowi i and	is, Aimin TAOR	7 1-11-02-010-001-1 00.			
			AKS A			SOURCE MRB	OIL SCAVENGI	E FILTER ELEMENT - RIG	HT ENGINE	1	
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737-600/700/800/900 TASK CARDS

DATE				TAIL NUMBER		STATION	AIRLINE CARD NO.	79-040-02		
C.	Filte	er Ele	ment	Removal				M	IECH	INS
	SUBTASK 79-21-06-420-004-F00									
	WARNING: DO NOT TOUCH THE COMPONENTS OF THE OIL SYSTEM IF THE ENGINE IS HOT. THESE COMPONENTS STAY HOTTER THAN OTHER COMPONENTS. HOT COMPONENTS CAN BURN YOU.									
	WA	RNIN	_ TI EI	HE PRESSURE GO	DES TO ZI N. A PRES	ERO APPROX SSURIZED EN	IE PRESSURE GOES T IMATELY 5 MINUTES A GINE CAN RELEASE A	FTER AN		
	WARNING: DO NOT LET HOT OIL GET ON YOU. PUT ON GOGGLES AND OTHER EQUIPMENT FOR PROTECTION OR LET THE ENGINE BECOME COOL. OIL CAN BURN YOU.									
	CAL	JTION	- IM		N THE CO	MPONENT IF	OR OTHER COMPON			
	(1)	Ren	nove t	the filter bowl [4]:						
		(a)	Put	a 1 quart (1 l) oil/fu	el resistan	t container, ST	D-195, below the filter a	issembly.		
		(b)	Pus	h the ratchet lever	with one h	and.				
			NOT	<u>ΓΕ</u> : This releases t	he filter bo	owl.				
		(c)		le you push on the other hand.	ratchet lev	er, loosen the	filter bowl [4] counterclo	ckwise with		
			NOT	lugs at the bott	om of the	filter bowl. Use	e of a large screwdriver the screwdriver only as bowl and to loosen it.			
	(d) Remove the filter bowl [4].									
			1)	Let the oil in the f	ilter bowl [4] drain into the	e container.			
			2)	Examine the oil for	or unusual	color or grit co	ntent.			
		(e)	Ren	nove and discard th	ne packing	[3] from the fill	ter bowl [4].			
	SUBTASK 79-21-06-810-001-F00									
	(2) If the filter bowl is seized and the filter element removal is for the Oil Filter Bypas is necessary to do these steps:							pass alert, it		
		(a)		ume the filter eleme put the engine bac			Do the checks that follo	ow before		
		(b)		tinue to the check canted debris.	of the filter	element and o	do the applicable steps f	or these		
			1)	unusual debris						
			2)	black packing del	oris					
			3)	aluminum debris						
	SUBT	ASK 79-2	1-06-020	-001-F00						
	(3)	Pull	the fil	Iter element [2] fror	n the filter	housing.				
		EFFE	CTIVITY	/	SOURCE	OII SCAVENG	E FILTER ELEMENT - RIC	THE ENGINE		

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

DATE		TA	AL NUMBER		STATION	AIRLINE CARD NO.		CARD NO. 0-02-01	
(a)	Exa	mine 1	the filter elem	ent and th	e inside of the f	ilter bowl [4] for unusua	al debris.	MECH	INSF
(b)	lf ur	nusual	debris is fou	nd, do this		ectors and Scavenge S			
	1)		•		the unusual cor	ntamination.			
(c)		-	acking debris the lubricatio			m the inner and outer s	sealing spoo		
	1)	thes Unit On T	e tasks: Pack Installed), AN	ing Repla IM TASK Outer Se	cement On The 79-21-01-400-8 aling Spools (Lu	r spool of the lubrication Inner Sealing Spool (L 02-F00 and Packing Roubrication Unit Remove	ubrication eplacement		
	2)		u do not repla ermitted with t			tinue-in-service limit of	250 cycles		
		a)		sons prior	to the close of	correct installation [lock the fan cowls (AMM	ed] by two		
				•	on does the initing the seco	al installation and checond check.	k. The		
		b)	Do the deter	ctor install	ation check aga	iin each time the fan co	owls are		
(d)	If al	uminu	m debris is fo	ound, do th	nese steps:				
	1)		his task: EEC K 73-21-08-0			Rotor Removal, AMM			
	2)	Do a		of the EE	C alternator and	d rotor for debris and o	bvious		
	3)	Exa	mine the alter	nator roto	r area in the AG	B for damage.			
		a)	tasks:Power	Plant Re	moval, AMM TA	e the engine. These are SK 71-00-02-000-801-l 71-00-02-400-801-F00.	F00 and		
		b)		-	in the AGB but of and clean as n	debris was found, remo ecessary.	ove the		
		c)				r, do this task: EEC Alte SK 73-21-08-400-801-F			
		d)	Do this task TASK 12-13		e Engine Oil Sys 01.	stem, AMM			
	4)				chip detector ar	nd scavenge oil filter ele ean.	ement every		
(e)			rbon debris is k or has grit i			drained from bowl is ui	nusually		
	1)				np oil system for 00-00-200-806-	Oil Leakage Aft Sump F01.	Oil System		
	FECTIVIT			SOURCE MRB	OIL SCAVENGE	FILTER ELEMENT - RIG	GHT ENGINE		
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CAI 79-040-0		
	If engine oil pressurat the next convent	re trend does not show a lient opportunity.	a gradual increase, do t	hese tasks	MECH I	INSP
	a) Do this task:0	Dil Scavenge Line Clean 00-100-802-F00.	ing, AMM			
	b) Do this task: TASK 72-56-0	Oil Supply Line Cleaning 00-000-801-F00 or do th , AMM TASK 72-56-00-3	is task:Oil Supply Tube			
	, -	essure trend show a gradess than 25 cycles:	dual increase but is still	in the limits,		
	a) Do this task:	Oil Scavenge Line Clear 00-100-802-F00.	ning, AMM			
	TASK 72-56-0	Oil Supply Line Cleaning 00-000-801-F00 or do th , AMM TASK 72-56-00-3	is task:Oil Supply Tube			
		oil pressure during the r		ration.		
(f)	Discard the filter elemen	it [2] and the packing [1].				
	———	END OF TASK ———				
EFFEC AKS	ALL	SOURCE MRB OIL SCAVENGE	FILTER ELEMENT - RIG	HT ENGINE		
		D633A109-AKS 79-040-02-01			ge 6 of ct 15/20	
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737-600/700/800/900 TASK CARDS

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO.
				79-040-02-01

TASK 79-21-06-400-801-F00

MECH INSP

2. Scavenge Oil Filter Element Installation

(Figure 1)

A. General

- (1) This task is the installation procedure for the scavenge oil filter element (referred to as the filter element).
- (2) This procedure refers to the scavenge oil filter assembly as the filter assembly.

B. Expendables/Parts

AMM Item	Description	AIPC Reference	AIPC Effectivity
1	Packing	79-21-04-01A-080	AKS ALL
2	Filter element	79-21-04-01A-075	AKS ALL
3	Packing	79-21-04-01A-085	AKS ALL

C. Filter Element Installation

SUBTASK 79-21-06-840-001-F00

- (1) Do these steps to prepare for the installation General Precautions During the Removal and Installation of Engine Components, AMM TASK 70-10-02-910-801-F00:
 - (a) Clean the mating interfaces of the filter housing and the filter bowl [4] with a cotton wiper, G00034.
 - (b) Make sure that the filter housing flanges and the filter bowl [4] are clean and in good condition.

SUBTASK 79-21-06-420-001-F00

- (2) Install the new filter element [2]:
 - (a) Lubricate a new packing [1] and a new packing [3] with oil, D00599 [CP2442].

CAUTION: MAKE SURE THAT YOU INSTALL THE PACKING ON THE NEW FILTER ELEMENT CORRECTLY DURING THE INSTALLATION OF THE FILTER ELEMENT. IF YOU DO NOT INSTALL THE PACKING CORRECTLY, OIL LOSS CAN OCCUR DURING ENGINE OPERATION AND CAN CAUSE DAMAGE TO THE ENGINE.

- (b) Install the packing [1] in the filter element groove.
- (c) Put the filter element bore below the filter housing core.
- (d) Push the filter element [2] on the filter housing core.

SUBTASK 79-21-06-420-002-F00

CAUTION: USE YOUR HANDS ONLY, DO NOT USE A TOOL, TO TIGHTEN THE FILTER BOWL. IF YOU DO USE TOOLS TO TIGHTEN THE FILTER BOWL, DAMAGE TO THE FILTER ASSEMBLY CAN OCCUR.

(3) Install the filter bowl [4]:

SOURCE MRB OIL SCAVENGE FILTER ELEMENT - RIGHT ENGINE

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	DATE	TAIL	NUMBER		STATION	AIRLINE CARD NO.	80EING 0 79-040		
	(a)	GRC BOW CAN TO T	OOVE CORR VL. IF YOU D OCCUR DU THE ENGINE	ECTLY DO NOT I IRING EN	URING THE IN NSTALL THE P	PACKING IN THE FILTE ISTALLATION OF THE ACKING CORRECTLY FION AND CAN CAUSI	FILTER , OIL LOSS	MECH	INSP
	CA	THA'	T THE LUBR	RICANT D IF THERI	OES NOT OVE E IS TOO MUC	SS LUBRICANT. MAKE R FLOW AS THE FILT H LUBRICANT, IT CAN	ER BOWL		
	(b)	mating surfa Dow Cornin	aces of the fi	Iter bowl Assembly	[4] with Molykot y lubricant, D00	ubricate the threads ar se G lubricant, D00640 673 [CP2569], or Molyl	[CP2104],		
		1) Make	sure that the	re is no e	excess lubricant	on the filter bowl.			
		,	f it is necess ubricant.	ary, use a	a cotton wiper, (300034 to remove the e	excess		
	(c)	Align the filt	ter bowl [4] w	ith the fil	ter housing.				
	(d)	· ·	filter bowl [4		· ·				
	(e)		-	_	_	se it from the notches ir	the filter		
	(0)	bowl [4]	na to proco t	ino ratorie	10101 101010		i ti lo liitoi		
	(f)	•	her hand to t wl [4] does n		lter bowl [4] clo	ckwise into the filter ho	using until		
	(g)		that the ratch sembly in its		ully engages a	notch on the filter bowl	[4] to hold		
		NOTE: This	s locks the fil	ter bowl	to the filter hous	sing.			
D.	Put the	Airplane Bacl	k to Its Usua	al Condit	ion				
	SUBTASK 79-	- 21-06-410-002-F00							
	(1) Do	this task: Clos	se the Fan C	owl Pane	ls, AMM TASK	71-11-02-410-801-F00.			
	SUBTASK 79-	21-06-860-005-F00							
	(2) For	Engine 1, rer	move the safe	ety tags a	and close these	circuit breakers:			
	CA	PT Electrical	System Par	nel, P18-	2				
	Ro			<u>lame</u>					
	A				ALTN PWR CH				
	A		C01314 E	INGINE I	ALTN PWR CH	1AN A			
		21-06-860-006-F00	nove the cof	oty togo c	and along those	oirouit brookers:			
	• •	•			ind close these	circuit breakers:			
	F/O Ro	Electrical Sy ow <u>Col</u>		I, P6-2 <u>lame</u>					
					ALTN PWR CH	IAN B			
		ECTIVITY (S ALL		SOURCE MRB	OIL SCAVENGE	FILTER ELEMENT - RIC	OHT ENGINE		
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DATE

TAIL NUMBER



737-600/700/800/900 TASK CARDS

STATION

AIRLINE CARD NO.

BOEING CARD NO.

							79-040	-02-01	
	(Co	ntinued)		•				MECH	INSP
			l System Pan	el, P6-2					
	Rov			<u>Name</u>					
	D	8	C01315	ENGINE 2	2 ALTN PWR C	HAN A			
E.	Filter Ele	ment Inst	tallation Test						
	SUBTASK 79-2	I-06-800-001-F	00						
			nat are listed in 00-800-811-F0		er Plant Test Re	ference Table, AMM			
	SUBTASK 79-2								
			is low, do this 1-600-801.	task: Repl	lenish the Engin	e Oil, AMM			
				- END OF	TASK ——				
	EFFE AK S	CTIVITY S ALL		SOURCE MRB	OIL SCAVENGE	E FILTER ELEMENT - RIG	HT ENGINE		<u> </u>
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