

DC-9

BULLETIN 33-39

SERVICE BULLETIN

REVISION TRANSMITTAL SHEET

LIGHTS - Emergency Lighting - Install Additional Emergency Lighting.

This page transmits Revision 6 for DC-9 Service Bulletin 33-39 to incorporate the following changes:

NOTE: This revision constitutes a complete reissue and incorporates the necessary changes required for reidentification of basic kit number to SB09330039, was 7637680. Kits should be ordered using new kit number.

Reason for Revision: To incorporate part number changes to comply with the computerized procurement system which will expedite processing of part(s)/material(s) required to accomplish this modification.

No additional work is required by this revision for aircraft modified per prior issue of this Service Bulletin.

Pages 1 Revise Title.

thru 9: Revised paragraph 1.A.(1) heading.

Created new Groups III thru VII.

Transferred applicable aircraft from existing Group I to Group II thru VI.

Transferred all aircraft from existing Group II to Group VII.

Deleted operator codes AN, CB, FD, JM, KE, LM, MH, NE, NO, ON, OZ, PD, PL, RW, SO, SV, TI, TN, and TT.

Added operator codes AO, AY, BD, EZ, FP, GB, II, JK, ML, NW, NY, OV, PS, RC, RS, XIH, XYX, XZD, YA, YRW, ZBM, ZCA, ZCP, ZER, ZGM, ZGU, ZH4, ZKL, ZK8, ZNV, ZOR, ZRS, ZSZ, ZWX, ZXT, Z3Y, and Z8H.

Completely revised Effectivity to reflect current operator of affected aircraft.

Page 10: Changed heading under Description to Groups I thru IV, was Group I.

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- Page 11: Added Groups V and VI to SB09330039-7 kit heading.
Changed original Group II heading to Group VII.
Revised Compliance.
Revised Approval.
Added Manpower requirements for Groups II through VI. Changed original Manpower for Group II to Group VII.
- Page 12: Changed kit prices.
Changed lead time for availability of kits to 300 days, was 150 days.
Added paragraph 1.G.(1)(b). Identified original paragraph as 1.G.(1)(a).
Added Weight and Balance for Groups II through VI. Changed original Weight and Balance for Group II to Group VII.
- Page 13: Added paragraph 1.K.
- Page 14: Revised Accomplishment Instructions and added TABLE I.
- Pages 15 and 16: Added reference to paragraph 1.G.(1)(b) for data package.
Changed Group II in first NOTE under Material Information to Group VII and added second note.
Added Material Information for Groups II through VI under SB09330039-3 and -7 kits.
Changed original Material Information for Group II to Group VII.
Added asterisk to data packages under Unit Net Price column.
Changed part numbers as follows:

<u>Is</u>	<u>Was</u>
EC-2216	EC-870
MS21266-2N	NMC-G51HB
MS27212-6-6	NAS191-6
MS35338-42	AN935-8
MS35642-282	AN340-8
	or
	MS20341-8S
RTV-88	RTV-1016
TA4074D1206	TA10B18D1-12-6
TA4076D0812	TA18D2-8-12

DOUGLAS AIRCRAFT COMPANY

Completely revised Material Information under SB09330039-3 and -7 kits.

Page 18: Changed supplier for EC-2216 adhesive.

Changed all supplier addresses and added Federal Supplier Codes.

Revision Sequence:

Original Date	November 6/68
Revision 1	December 11/68
Revision 2	January 15/69
Revision 3	November 18/69
Revision 4	March 2/70
Revision 5	October 29/70
Revision 6	March 9/87

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P.O. Box 1771
Long Beach, CA
90801

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SERVICE BULLETIN

LIGHTS - Emergency Lighting - Install Additional Emergency Lighting.

1. Planning Information:

A. Effectivity:

(1) Aircraft Affected:

DC-9 Series 10, 20, 30, 40, and C-9

(a) Operator and Aircraft Number:

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Service Bulletin Configuration SB09330039</u>	<u>Group</u>	<u>SB09330039 Kit</u>	<u>Qty</u>
AC	45845	-7001	I	-3	28
	47019				
	47021 and 47022				
	47024				
	47069 thru 47071				
	47195 thru 47200				
	47265 and 47266				
	47289 and 47290				
	47292 thru 47294				
	47340 thru 47342				
	47348 thru 47350				
	47353 and 47354				
AL	45868	-7001	I	-3	31
	47026				
	47050 thru 47054				
	47057 and 47058				
	47066				
	47099				
	47130				
	47146				
	47188 and 47189				
	47207 thru 47212				

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Operator	Factory Serial No.		Service Bulletin Configuration SB09330039	Group	SB09330039	
					Kit	Qty
AL (cont)	47216		-7001			
	47310		(cont)			
	47332	thru 47336				
	47351	and 47352				
	47371					
	47372	thru 47375	-7013	VII	None	
	47429					
AM	47006		-7001	I	-3	4
	47106					
	47356					
	47394					
	45785		-7005	III	-3	10
	47059					
	47085					
	47100					
	47122	thru 47127				
AO	47080		-7001	I	-3	3
	47091	and 47092				
AY	47044		-7011	VI	-7	1
AZ	47038	and 47039	-7001	I	-3	22
	47046	and 47047				
	47101					
	47118					
	47128	and 47129				
	47222	thru 47224				
	47226	and 47227				
	47231					
	47233	thru 47236				
	47238					
	47283					
	47311					
	47339					
BD	45712	and 45713	-7005	III	-3	6
	45719					
	45738	and 45739				
	47048					
BM	47225		-7001	I	-3	6
	47228	thru 47230				
	47232					
	47237					
	47432	thru 47435	-7013	VII	None	
	47437	and 47438				

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Operator	Factory Serial No.			Group	SB09330039 Kit	Qty		
CO	45791			-7001	I	-3	5	
	45847							
	47110							
	47218							
	47281							
	45714	thru	45716	-7005	III	-3	13	
	45726							
	45735	and	45736					
	45742	and	45743					
	45786							
	45796							
	45843	and	45844					
	47081							
	DL	47032			-7001	I	-3	28
47075								
47176		and	47177					
47257		thru	47262					
47273		thru	47278					
47284		and	47285					
47317		thru	47323					
47358		and	47359					
47377								
45700				-7005	III	-3	1	
47378		and	47379	-7013	VII	None		
EA		45733	and	45734	-7001	I	-3	61
		45833	thru	45840				
		45863	thru	45867				
	45869	thru	45876					
	47036							
	47074							
	47098							
	47119	thru	47121					
	47140	thru	47143					
	47157							
	47161							
	47165	thru	47167					
	47181							
	47184							
	47186	and	47187					
	47214	and	47215					
	47217							
	47267	thru	47272					
	47327	thru	47331					
47399	thru	47403						

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Operator	Factory Serial No.		Service Bulletin	Group	SB09330039	
			Configuration		Kit	Qty
	SB09330039					
EA (cont)	45771		-7005	III	-3	1
EZ	47220 47355		-7011	VI	-7	2
FP	45702		-7005	III	-3	1
GA	47385	and 47386	-7013	VII	None	
GB	47008 47072 47203	and 47009	-7003	II	-3	3
	45728		-7005	III	-3	1
	45717 47002		-7007	IV	-3	2
	47040 47147 47291 47363	and 47148	-7011	VI	-7	5
	47380	and 48381	-7013	VII	None	
HA	45730 47204		-7005	III	-3	2
	47013		-7009	V	-7	1
	47045		-7011	VI	-7	1
IB	47037 47076 47079 47084 47088 47093 47312 47364 47368	and 47077 thru 47090 thru 47314 and 47365	-7001	I	-3	15
II	47408		-7011	VI	-7	1
JK	45695 45795 45841 47043	and 45842	-7005	III	-3	4

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Operator	Factory Serial No.	Service Bulletin Configuration SB09330039		Group	SB09330039	
					Kit	Qty
JP	47239		-7001	I	-3	2
	47392					
KL	47102		-7001	I	-3	9
	47131 thru 47133					
	47168 thru 47170					
	47190					
	45720		-7005	III	-3	1
	47191 thru 47194		-7011	VI	-7	5
	47279					
LV	47000		-7007	IV	-3	1
ML	45710		-7001	I	-3	3
	47104 and 47105					
	47005		-7003	II	-3	2
	47007					
	45737		-7005	III	-3	9
NW	45741					
	45776					
	45778 thru 45781					
	45783 and 45784					
	45787		-7001	I	-3	38
	47031					
	47042					
	47073					
	47083					
	47097					
	47103					
	47138 and 47139					
	47144 and 47145					
	47158					
	47160					
	47162 thru 47164					
	47175					
	47182 and 47183					
	47185					
	47244					
	47246 and 47247					
	47252 and 47253					
	47263 and 47264					
	47338					
	47346 and 47347					

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Operator	Factory Serial No.			Service Bulletin Configuration SB09330039	Group	SB09330039	
						Kit	Qty
NW (cont)	47382			-7001			
	47389 thru 47391			(cont)			
	47405 and 47406						
	47439 and 47440						
	45701			-7005	III	-3	28
	45703 thru 45705						
	45707 thru 45709						
	45723						
	45729						
	45744 thru 45749						
	45770						
	45825						
	45827						
	45829 thru 45832						
	47049						
	47063 and 47064						
	47078						
	47205 and 47206						
	47149 and 47150			-7007	IV	-3	4
	47171						
	47362						
	47016 thru 47018			-7009	V	-7	5
	47155 and 47156						
	47337			-7013	VII	None	
	47369 and 47370						
	47376						
	47404						
	47415 thru 47417						
	47450						
	47459						
NY	45788 and 45789			-7001	I	-3	12
	45792 and 45793						
	47067						
	47094						
	47111 thru 47113						
	47219						
	47315 and 47316						
	47487			-7013	VII	None	

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<u>Operator</u>	<u>Factory Serial No.</u>			<u>Service Bulletin Configuration SB09330039</u>	<u>Group</u>	<u>SB09330039</u>	
						<u>Kit</u>	<u>Qty</u>
OV	47407			-7011	VI	-7	1
PS	45846 47020 47023 47068			-7001	I	-3	4
RC	47159 47393			-7001	I	-3	2
	45697			-7005	III	-3	1
RS	45721	and	45722	-7005	III	-3	2
SK	47114	thru	47117	-7001	I	-3	20
	47178	thru	47180				
	47286	and	47288				
	47301	thru	47308				
	47360	and	47361				
SR	45790 47282			-7001	I	-3	2
	47383			-7013	VII	None	
TK	45774 47213 47488			-7001	I	-3	4
		and	47489				
	47442 47451			-7013	VII	None	
TW	47027	thru	47030	-7001	I	-3	26
	47082						
	47095	and	47096				
	47107	thru	47109				
	47134	thru	47137				
	47172	thru	47174				
	47248	thru	47251				
	47324						
	47343	thru	47345				
	47357						
	45772	and	45773	-7005	III	-3	7
	45798	and	45799				
	47033	thru	47035				

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Operator	Factory Serial No.	Service Bulletin Configuration	Group	SB09330039	
		SB09330039		Kit	Qty
TW (cont)	47001	-7007	IV	-3	1
	47409	-7011	VI	-7	1
	47411 and 47412	-7013	VII	None	
VE	47025 47243	-7001	I	-3	2
	47056	-7005	III	-3	1
XIH	45724	-7007	IV	-3	1
XYX	45696	-7005	III	-3	5
	45711				
	45718				
	45725				
	45727				
XZD	45826	-7009	V	-7	3
	47011				
	47152				
YA	45732	-7005	III	-3	1
YRW	47441	-7001	I	-3	1
ZBM	47087	-7009	V	-7	1
ZCA	47061	-7011	VI	-7	1
ZCP	47151	-7005	III	-3	1
ZER	45698	-7005	III	-3	1
	47060				
	47010 47015	-7009	V	-7	2
ZGM	45782	-7005	III	-3	1
ZGU	45740	-7005	III	-3	1
ZH4	45731	-7005	III	-3	1
ZKL	47154	-7009	V	-7	1

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Service Bulletin Configuration SB09330039</u>	<u>Group</u>	<u>SB09330039</u>	
				<u>Kit</u>	<u>Qty</u>
ZK8	47201	-7001	I		1
ZNV	47003 and 47004 47065 47325	-7003	II	-3	4
	47041 47221 47410	-7011	VI	-7	3
	47431	-7013	VII	None	
ZOR	45828 47012 47014 47086 47153 47240	-7009	V	-7	6
	47055 47062	-7011	VI	-7	2
ZRS	45797	-7005	III	-3	1
ZSZ	45699	-7005	III	-3	1
ZWX	47309	-7005	III	-3	1
ZXT	47436	-7013	VII		1
Z3Y	45775	-7005	III	-3	1
Z8H	45706	-7005	III	-3	1

(b) Other Aircraft:

<u>Factory Serial No.</u>	<u>Service Bulletin Configuration SB09330039</u>	<u>Group</u>	<u>SB09330039</u>	
			<u>Kit</u>	<u>Qty</u>
47501	-7013	VII	None	

NOTE: Aircraft listed under Other Aircraft are affected by this Service Bulletin but were not assigned to any specific operator at time of Service Bulletin issue.

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Operators who have purchased Specification Change Notices 3141 and 3161 will have this modification incorporated prior to delivery. The production incorporation of SCN's purchased by operators will start with Fuselage No. 555.

(2) Spares Affected:

<u>Spare Part No.</u>	<u>Key Word</u>
3913728-1	Cover
3913728-501	Cover
3913728-503	Cover
3921436-(Any Configuration)	Grille Assembly
4915869-513	Seal

B. Reason:

This modification incorporates exterior emergency illumination for overwing escape routes and an emergency lighting system control switch in the passenger cabin. This requirement is defined in Federal Aviation Regulation 121.310 (d) and (h) and is part of the FAA "Crashworthiness" Program.

C. Description:

Groups I thru IV

SB09330039-3 Kit (Passenger Configuration Aircraft)

This modification accomplishes the following:

- (1) Replaces the existing light assemblies and covers above each overwing emergency exit with new light assemblies and covers.
- (2) Installs provisions for an exterior emergency exit lighting system battery pack in the aft cargo compartment.
- (3) Modifies wiring to include the engine nacelle floodlights as part of the emergency lighting system.
- (4) Installs an emergency lighting system guarded control switch on the forward Attendant's panel and safeties the switch guard.

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Groups V and VI

SB09330039-7 Kit (Convertible Passenger/Cargo Aircraft)

This modification is identical to the rework outlined under SB09330039-3 kit except additional structural members are required to install the battery pack in the aft cargo compartment.

NOTE: The emergency lighting system guarded control switch is install on the aft Attendant's panel for Factory Serial numbers 47044 and 47045, 47055, 47061, and 47062.

Group VII

This modification installs a ring on the emergency lighting system guarded control switch on the forward Attendant's panel and installs safety wire on the switch guard.

D. Compliance:

It is recommended that this modification be accomplished at operator's convenience.

E. Approval:

The resultant modification described in paragraph 1.C has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved for the affected aircraft listed in paragraph 1.A.

F. Manpower:

This modification may be accomplished in the following approximate man-hours or elapsed hours per aircraft:

<u>Work Phases</u>	<u>Man-Hours</u>		
	<u>Groups</u>		<u>Group</u>
	<u>I thru IV</u>	<u>V and VI</u>	
	<u>SB09330039</u>		
	<u>-3</u>	<u>-7</u>	<u>VII</u>
Gain Access	2.0	2.0	
Disassemble	4.0	4.0	
Rework (Aircraft)	8.0	12.0	1.0
Reassemble	4.0	4.0	
Close Up	2.0	2.0	
Functional Check	<u>2.0</u>	<u>2.0</u>	<u> </u>
Total Man-Hours	22.0	26.0	1.0
Total Elapsed Hours	6.0	6.0	1.0

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G. Material - Cost and Availability:

(1) Aircraft:

- (a) Parts listed in service change kits may be ordered as a complete kit or purchased individually. Parts bearing Douglas Aircraft Company part numbers are proprietary parts and must be procured under the spare parts article of the purchase agreement, unless methods of manufacture are shown.

The following selling prices apply to all orders received prior to the expiration date of December 31, 1987.

<u>Kit</u>	<u>Net Prices Any Quantity</u>
SB09330039-3	\$8725.00
SB09330039-7	9187.00

Delivery of kits will start 300 days after receipt of purchase order.

The purchase order must specify this Service Bulletin number and only parts listed herein. Direct purchase order to:

Douglas Aircraft Company
P.O. Box 1771
Long Beach, California 90801
Attn: Parts Sales - Commercial 54-50
(DC-9 Service Bulletin 33-39)

- (b) Data packages required to accomplish this Service Bulletin are listed in paragraph 3 and may be purchased from:

Douglas Aircraft Company
3855 Lakewood Boulevard
Long Beach, California 90801
Attn: Engineering Commercial Contracts
Dept E-52 (36-15)

The following selling prices apply to all orders received:

<u>Data Package</u>	<u>Unit Net Prices</u>
SB09330039-5	\$2000.00
SB09330039-15	2000.00

(2) Spares:

Cost and availability of replacement parts will be furnished upon request.

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H. Tooling - Price and Availability:

None.

I. Weight and Balance:

This modification will increase the weight of the aircraft as follows:

GROUP	SERIES AIRCRAFT	APPROXIMATE STATION LOCATION OF WEIGHT INCREASE	MFR'S EMPTY WEIGHT (MEW) INCREASE LBS	MOMENT CHANGE (MEW) IN.-LBS	INDEX UNIT CHANGE (MEW)
I THRU	10 OR 20	686.0	+24.0	+16,465.0	+2.5
VI	30	843.0	+24.0	+20,247.0	+3.6
	40	901.5	+24.0	+21,637.0	+4.1
VII	30	0.0	0.0	0.0	0.0

J. References:

- (1) Grimes Manufacturing Company Service Bulletin No. B5-21139.
- (2) Douglas Letter C1-7-99/TS/GRH (AOL 9-509), dated 9 October 1970, ATA File Code 9-33-50.
- (3) DC-9 Service Bulletin Number 33-50.
- (4) DC-9 Maintenance Manual, Chapters 20 and 33.
- (5) DC-9 Structural Repair Manual, Chapter 51.
- (6) Drawings required to accomplish this modification are included in the Data Package of the applicable kit listed in paragraph 3.A.

K. Publications Affected:

<u>Publication</u>	<u>Chapter and/or Section</u>
Component Maintenance Manual	33-26-1, 33-26-2, 33-26-3, and 33-27-1
Flight Crew Operating Manual	Volume II, Section 4
Illustrated Parts Catalog	33

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2. Accomplishment Instructions:

CAUTION: STATICALLY GROUND THE AIRCRAFT.

Modify overwing emergency lighting system in accordance with instructions contained in revision 3 of Data Package, 7937680-3C or 7937680-5C as applicable.

TABLE I

NOTE: This Table provides a cross reference for new Part/Kit identification.

Old Part/Kit Number	New Part/Kit Number
7637680-501	SB09330039-3
7637680-7A	SB09330039-5
7637680-503	SB09330039-7
7637680-15	SB09330039-15

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3. Material Information:

A. The basis for the following material data is per aircraft.

Data packages and parts furnished in service kits are indicated by an asterisk in Unit Net Price column. See paragraph 1.G.(1)(a) for service kits and 1.G.(1)(b) for data packages. Additional new parts and materials are to be procured from operator's stock or sources indicated.

NOTE: No kit is required for Group VII.

Table 1 provides cross reference for identification of existing parts and kits to new SB09330039 numbers. (See paragraph 2, Table 1.)

New Part No.	Qty Per Kit SB09330039						Unit Net Price	Key Word	Old Part No.	Instructions- Disposition
	I	II	III	IV	V	VI				
AN960-10L	13	13	13	13	13	13		Washer		
AN960-8L	18	18	18	18	18	18		Washer		
DC26F16-8S	2	2	2	2	2	2	*	Connector		
EC-2216 (A and B)	4 Oz	4 Oz	4 Oz	4 Oz	2 Oz	2 Oz	*	Adhesive Kit		4/
MS16624-1046	1	1	1	1	1	1	*	Ring		
MS20426AD3-4	58	58	58	58	60	60		Rivet		
MS20470AD3-4	10	10	10	10	10	10		Rivet		
MS20470AD3-5	4	4	4	4	4	4		Rivet		
MS20470AD5-6	37	37	37	37	37	37		Rivet		
MS20470AD5-7	39	39	39	39	14	14		Rivet		
MS20995CU20	6 In.	6 In.	6 In.	6 In.	6 In.	6 In.		Lockwire		
MS21059L04	2	2	2	2	2	2	*	Plate Nut		
MS21059L3	9	9	9	9	9	9	*	Plate Nut		
MS21061L3	5	5	5	5	5	5	*	Plate Nut		
MS21266-2N	1	1	1	1	1	1	*	Grommet		
MS25224-3	1	1	1	1	1	1	*	Guard		
MS25281R10	3	3	3	3	3	3	*	Clamp		
MS25281R5	1	1	1	1	1	1	*	Clamp		
MS25281R6	3	3	3	3	3	3	*	Clamp		
MS25281R7	1	1	1	1	1	1	*	Clamp		
MS27212-6-6	1	1	1	1	1	1	*	Terminal		
MS35338-42	10	10	10	10	10	10	*	Lockwasher		
MS35649-282	10	10	10	10	10	10	*	Nut		
NAS1096-2-10	2	2	2	2	2	2	*	Screw		
NAS1096-2-8	8	8	8	8	8	8	*	Screw		
NAS1096-3-8	10	10	10	10	10	10	*	Screw		
NAS1203-6					1	1		Bolt		
NAS1252-8L	5	5	5	5	5	5	*	Washer		
NAS1403-3					3	3		Bolt		
NAS21-2-191	2	2	2	2	2	2	*	Strip		
NAS600-7P	2	2	2	2	2	2	*	Screw		
NAS620A4L	2	2	2	2	2	2	*	Washer		
NAS679A08	8	8	8	8	8	8	*	Nut		

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New Part No.	Qty Per Kit SB09330039						Unit Net Price	Key Word	Old Part No.	Instructions- Disposition	
	I	II	III	IV	V	VI					
RTV-88 with RTV-9910 RTV-1200	4 Oz	4 Oz	4 Oz	4 Oz	4 Oz	4 oz	*	Sealant		4/	
S4655262-509	2 Oz	2 Oz	2 Oz	2 Oz	2 Oz	2 Oz	*	Catalyst		4/	
SB09330039-5	1	1	1	1	1	1	*	Primer		4/	
SB09330039-15	1	1	1	1			*	Cover Assy			
TA4074D1206					1	1	*	Data Package			
TA4076D0812	5	5	5	5	5	5	*	Data Package			
TY5	2	2	2	2	2	2	*	Bracket		4/	
10-0369-3	3	3	3	3	3	3	*	Bracket		4/	
			2	4				Ty-Rap		4/	
								Light Assy	5913730-1 and 5913730-2 or 5913730-501 and 5913730-502 or 5913730-503 and 5913730-504	4/	2/
10-0369-5	4				2	4		Light Assy	5921511-1 or 5921511-503 or 5921511-505 or 5921836-1	4/	2/
10-0370-3					1			Light Assy	5921836-1	4/	2/
10-0370-4					1			Light Assy	5921836-1	4/	2/
10-0371-3		4						Light Assy	5921511-501	4/	2/
11-1397-507 (Exit) or 11-1397-509(Salida) or 11-1397-511(Uscita)	4	4	2	4	4	4		Light Cover	3913728-1 or 3913728-501 or 3913728-503	4/	4/
12PA4	1	1	1	1	1	1	*	Button	12PA3		3/
2PS2C	12	12	12	12	12	12	*	Seal Cap			
212-12N	12	12	12	12	12	12	*	Receptacle			
2210368-1-6	1	1	1	1	1	1	*	Plate			
2600-LW	12	12	12	12	12	12	*	Washer			
2600-9	12	12	12	12	12	12	*	Stud			
3929263-3	1	1	1	1	1	1	*	Conduit			
4TL11-5	1	1	1	1	1	1	*	Switch	2TP14-7 or 2TP19-7	2/	

DOUGLAS AIRCRAFT COMPANY SERVICE BULLETIN

Qty Per Kit SB09330039							Unit Net Price	Key Word	Old Part No.	Instructions- Disposition
New Part No.	-3 Group			-7 Group		Group VII				
	I	II	III	IV	V	VI				
5922332-67					1	1	*	Door Assy		
5929216-11					1	1	*	Spacer		
5929216-13					1	1	*	Angle		
5929216-15					1	1	*	Spacer		
5929216-9					1	1	*	Spacer		
5956041-227	2	2	2	2			*	Spacer		
5956041-229	1	1	1	1			*	Support	5956041-28	Discard
5956041-231	1	1	1	1			*	Angle	5956041-113	Discard
5956041-233	1	1	1	1			*	Door Assy		
5956041-235	1	1	1	1			*	Support		
60-1177-9	2	2	2	2	2	2	*	Battery Power Supply Assy		4/
7914599-595	1	1	1	1	1	1	*	Nameplate		
9227-4517	1	1	1	1	1	1	*	Relay		
9915637-13	1	1	1	1			*	Intercostal		
9915637-15					1	1	*	Intercostal		
9915637-17					1	1	*	Intercostal		
9915637-19					1	1	*	Clip		
9915637-20					1	1	*	Clip		
9915637-21	1	1	1	1	1	1	*	Clip		
9915637-22	1	1	1	1	1	1	*	Clip		
9915637-23	1	1	1	1			*	Clip		
9915637-24	1	1	1	1			*	Clip		
9915637-3	1	1	1	1	1	1	*	Plate		
9915637-5	1	1	1	1			*	Intercostal		
9915637-7	1	1	1	1	1	1	*	Plate		
None	1	1	1	1	1	1		Grill Assy	3921436-(@@)	1/

@@ Indicate any configuration.

1/ To be reworked by the operator. Reidentification is at operator's option.

2/ Discard or return to stock.

3/ Use if required, otherwise return to stock as a spare.

DOUGLAS AIRCRAFT COMPANY SERVICE BULLETIN

4/ May be purchased from the following suppliers:

<u>Part/Material</u>	<u>FSCM</u>	<u>Supplier</u>
EC-2216 Adhesive Kit or Equivalent (DPM 3279)	Not Available	Wilco Associates Incorporated 1627 West 135th Street Gardena, California 90249
RTV-88 Sealant with RTV-9910 Catalyst or Equivalent (DMS 1799)	01139	General Electric Company Silicone Products Business Department Hudson River Road Waterford, New York 12188
RTV-1200 Primer or Equivalent (DPM 3202)	71984	Dow Corning Corporation 3901 South Saginaw road Post Office Box 997 Midland, Michigan 48640
TA4074D1206 Bracket TA4076D0812 Bracket	84971	TA Manufacturing Incorporated Subsidiary of Criton Technologies 375 West Arden Avenue Post Office Box 2500 Glendale, California 91203
TY-5 Ty-Rap	59730	Thomas and Betts Highway 218 South Iowa City, Iowa 52240
10-0369-3 Light Assembly 10-0369-5 Light Assembly 10-0370-3 Light Assembly 10-0370-4 Light Assembly 10-0371-3 Light Assembly 11-1397-507 Light Cover 11-1397-509 Light Cover 11-1397-511 Light Cover 60-1177-9 Battery Power Supply Assembly	72914	Midland Ross Corporation Grimes Division 550 State Route 55 Champaign County Urbana, Ohio 43078

B. The basis for the following material data is per spares.

- (1) Modify grille assembly per this Service Bulletin. No parts are required.
- (2) Order 5956041-241 and -243 seals as a replacement for 4915869-513 seal.
- (3) Discard spare covers. Whenever additional spares are required, order replacement parts as indicated in paragraph 3.A.

GDT
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