



**CELERAK**

**Cristobal Ospina**  
**CRISTOBAL@CELERAK.COM**

**Engine JT8D-219**

**TSN: 29,500.00 JT8D-219**

**CSN: 19,614 DATE: 09/08/2009**

Life Limited Parts Record															
As Received						As Shipped						COND-ITION			
Desk	Part Number	Serial Number	Hour Limit	Cycle Limit	Hours Flow	Cycles Flow	Hours Remain	Cycles Remain	Part Number	Hour Limit	Cycle Limit		Hours Flow	Cycles Flow	Hours Remain
<b>LOW COMPRESSOR MODULE</b>															
C1	5000501-01	T51082	N/A	20000	21200	15169	N/A	4831	T51082	N/A	20000	21200	15169	N/A	4831
C1.5	800115	T50098	N/A	20000	21200	15169	N/A	4831	T50098	N/A	20000	21200	15169	N/A	4831
C2	772402	BBDUAM1925	N/A	20000	21200	15169	N/A	4831	BBDUAM1925	N/A	20000	21200	15169	N/A	4831
C3	772803	B103AA0176	N/A	20000	21200	15169	N/A	4831	B103AA0176	N/A	20000	21200	15169	N/A	4831
C4	777704	BBDUAM7925	N/A	20000	21200	15169	N/A	4831	BBDUAM7925	N/A	20000	21200	15169	N/A	4831
C5	802105	R15495	N/A	20000	27717	14914	N/A	5086	R15495	N/A	20000	27717	14914	N/A	5086
C6	772806	BBDUAM8139	N/A	20000	21200	15169	N/A	4831	BBDUAM8139	N/A	20000	21200	15169	N/A	4831
<b>HIGH COMPRESSOR MODULE</b>															
C7	5006007-021	BENCAK5981	N/A	20000	14926	10899	N/A	9111	BENCAK5981	N/A	20000	14926	10899	N/A	9111
C8	821938	BENCAK2740	N/A	20000	2368	1623	N/A	18377	BENCAK2740	N/A	20000	2368	1623	N/A	18377
C9	822209	BENCAK2210	N/A	20000	2368	1623	N/A	18377	BENCAK2210	N/A	20000	2368	1623	N/A	18377
C10	772510-001	BENCAL4477	N/A	20000	21200	15169	N/A	4831	BENCAL4477	N/A	20000	21200	15169	N/A	4831
C11	772511-001	BENCAL2857	N/A	20000	21200	15169	N/A	4831	BENCAL2857	N/A	20000	21200	15169	N/A	4831
C12	798512-001	BENCAK8907	N/A	20000	13210	12162	N/A	7838	BENCAK8907	N/A	20000	13210	12162	N/A	7838
C13	5005613-01	BENCAL1482	N/A	20000	21200	15169	N/A	4831	BENCAL1482	N/A	20000	21200	15169	N/A	4831
<b>HIGH TURBINE MODULE</b>															
T1	855701	BKLBBD0342	N/A	20000	25945	12946	N/A	7154	BKLBBD0342	N/A	20000	25945	12946	N/A	7154
N2	5000947-01	BKLBBA6020	N/A	20000	21200	15169	N/A	4831	BKLBBA6020	N/A	20000	21200	15169	N/A	4831
<b>LOW TURBINE MODULE</b>															
T2	777622	T32572	N/A	20000	21200	15169	N/A	4831	T32572	N/A	20000	21200	15169	N/A	4831
T3	777603	BLDLBH9471	N/A	20000	21200	15169	N/A	4831	BLDLBH9471	N/A	20000	21200	15169	N/A	4831
T4	800804	BLDLBL4325	N/A	20000	24370	12430	N/A	7570	BLDLBL4325	N/A	20000	24370	12430	N/A	7570
N1	783320	BLDLA69053	N/A	24798	24034.2	17421	N/A	7377	BLDLA69053	N/A	24798	24034.2	17421	N/A	7377
SHT															

Signature: *[Handwritten Signature]*

Remarks:



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Total Time (TT): 29,500.00      Total Cycles (TC): 19,614      Date: 09/04/2009

Note: With regards to this document, the following definitions apply:

CW = Complied With At This Shop Visit      NA2 = Not Applicable Due to Engine Serial Number  
 PCW1 = Previously Complied With - (AeroThrust) Received with NA3 = Not Applicable Due to Part Numbers  
 upgraded Configuration  
 PCW2 = Previously Complied With (Per Customer Supplied      NA4 = Not Applicable Due to Part Serial Number  
 Information).  
 NCW = Not Complied with This Shop Visit.      TTS = Time in Service  
 NAI = Not Applicable Due to Engine Model

AD Note	Reference	Description	App. Models	Compliance	Remarks
70-02-02 Amdt. 39-969		6 <sup>th</sup> Stage Compressor Disk - Remove rotor disks, with serial numbers listed in AD.	ALL	NA 4	772806 - BBDUAM8139
70-11-03 Amdt. 39-993		6 <sup>th</sup> Stage Compressor Disk - Remove P/N 586906 disks.	ALL	NA 3	772806 - BBDUAM8139
70-25-08 Amdt. 39-1084	ASB2817:R1	7 <sup>th</sup> Stage Compressor Disk - Replace P/N 500507 prior to 2300/2700 cycles.	ALL	NA 3	5006007-021 - BENCAK5981
70-26-05 Amdt. 39-1131	ASB3580:R2	1 <sup>st</sup> Stage Compressor Blades - Inspect P/N for tool marks.	ALL	NA 3	851621      28ea. 798821-002      6ea.
77-16-12 Amdt. 39-3008	ASB 4639:R2 ASB 5822:R	#4 1/2 Bearings - Remove from Service bearings P/N 707007, S/N's 800 through 999 and 100A through 214A	1 thru 17	NA 1	751166 - J4872 Engine is -219



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AD Note	Reference	Description	App. Models	Compliance	Remarks
80-15-51 Amdt. 39-3898	ASB5154:R3	8 <sup>th</sup> Stage Rear Compressor Front Hubs	209, 209A	NA 1	821938 - BENCAXX2740 Engine is -219
81-19-05 Amdt. 39-4216	ASBA7850:RI	To prevent the separation of the thrust reverser from the engine. Inspect thrust reversers to identify barrel serial number per ASB A/8-50, RI.	DC-9-80	NCW	Not received with engine.
87-03-13 Amdt. 39-5519	5618:R0 5752:R2	New Blade Assembly, 5 <sup>th</sup> Stage Fan	209, 217, 217A	NA 1	771705 Engine is -219
87-04-08 Amdt. 39-5537		To prevent 5 <sup>th</sup> stage compressor blade failure from flutter and the possibility of engine loss. Accomplish task per S/B 5618.	209, 217, 217A (MD-80)	NA 1	771705 Engine is -219
88-04-02 Amdt. 39-5817	5711:R4 5751:R2	NI Turbine Case - inspect for modification of 3 <sup>rd</sup> stage NGV anti-rotation pins	209, 217, 217A 217C, 219	NA 3	808562-002 -BLSDDAA0083 Ref. NewJet AD Summary, dated: 04/17/2007.
88-20-02 Amdt. 39-6025		Inspect both engines' 8 <sup>th</sup> & 13 <sup>th</sup> stage pneumatic manifold end cap clamps, equipped with janitrol P/N: 14J93-350, for identification marking.	DC-9-80 MD-80, MD-88	NCW	Not received with engine.
89-18-04 Amdt. 39-6295		Prevent fire in the number #2 engine nacelle. Inspect and relocate the number #2 engine starter shutoff valve pneumatic tube, Per S/B 80-8	DC-9-80 MD-80, MD-88	NCW	Not shipped with engine. Not received with engine.
90-15-12 R1 Amdt. 39-11838		To prevent the nut coming off the through-bolt allowing the through-bolt to migrate out of the engine mount flange and cone bolt and possible separation of the engine.	B727(ALL)	NCW	Not received with engine. Not shipped with engine.



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AD Note	Reference	Description	App. Models	Compliance	Remarks
90-25-04 Amdt. 39-6817		Engine Mount Cone Bolts - Prevent the engine from departing the aircraft during a hard landing, in the event of a sudden engine seizure, or during flight when high velocity <sup>2nd</sup> Stage Fan Blade Retaining Strap and Bumper - Inspect retaining strap per OHM Rev. 78 or later. Install bumper P/N 642409. Ref SB 2406:R9 vertical gust is encountered.	DC-9-81, -82, -83, -87, MD-81, -82, -83,	NCW	Not received with engine.  Not shipped with engine.
91-11-02 Amdt. 39-6998		To prevent damage to the engine Cone bolts, and pylon, or separation of an engine from the airplane, as a result of the loss of a through-bolts, accomplish the following: <ul style="list-style-type: none"><li>Inspect through-bolt nut, P/N SPS 83978-1216, for proper torque in accordance with McDonnell Douglas MD-80 ASB A71-51.</li></ul>	DC-9-81, 82, 83, 87 and 88	NCW	Not received with engine.  Not shipped with engine.
91-24-14 Amdt. 39-8101	N/A	Counterfelt #4 1/2 Bearing Seal Spacers	209 thru 219	PCW	526961 - 5 Ref. NewJet AD Summary, dated: 04/17/2007.

500 NE 2<sup>ND</sup> STREET. SUITE 402 DANIA, FLORIDA 33004

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AD Note	Reference	Description	App. Models	Compliance	Remarks
92-16-06 Amdt. 39-8315		Garrrett Air Research Aircraft Starter- Inspect to prevent in-service fatigue or structural failures of the aircraft starter, which could result in an in- flight fire or loss of control of the airplane. Note: Refer AD for the correct serial numbers to be installed on the engine.	DC-8 (All), DC-9 (All)	NCW	Not received with engine. Not shipped with engine.
93-23-10	<b>AD has been Superseded by AD 99-22-14</b> No entry required on form.				
94-14-16	<b>AD has been Superseded by AD 95-02-16</b> No entry required on form.				
94-23-03	<b>AD has been Superseded by AD 97-19-13</b> No entry required on form.				
95-02-16 Amdt. 39-9135	ASB6153:R1	1. Inspection of fuel Nozzle and support, Post SB 5650 low emission.	209 thru 219	NA 3	5004308-072 - PK5514 Installed on # 7 Pos. Ref. NewJet AD Summary, dated: 04/17/2007.
	ASB6169:R2	2. Welded position of No. 7 fuel nozzles and Support assy.		FCW	818455 - PY3357 (Diffuser Case) Ref. NewJet AD Summary, dated: 04/17/2007.
	ASB6170:R2	3. Steel nuts instead of aluminum nuts.		FCW	PN'S Unk. Ref. NewJet AD Summary, dated: 04/17/2007.
95-12-19	<b>AD has been Superseded by AD 96-23-15</b> No entry required on form.				
96-15-06 Amdt. 39-9714		Remove from service 1 <sup>st</sup> Stage Compressor Disk (Hub) PN 5000501-01, S/N's T50693, T50823, T50827, R23926, R32960 & P66756.	209 thru 219	NA 4	5000501-01 - T51082
96-23-15	<b>AD has been Superseded by AD 99-10-11</b> No entry required on form.				
97-02-11	<b>AD has been Superseded by AD 97-17-04</b> No entry required on form.				

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AD Note	Reference	Description	App. Models	Compliance	Remarks
97-17-04 Amdt. 39-10106	ASB6272:R1	<ol style="list-style-type: none"> <li>Fan Hub Tierrod/Counterweight hole inspection. Verify S/N's listed in Table 2 of AD.</li> <li>Fan Hub with S/N's NOT listed in Table 2 and with &gt; 4000 CSN. Not to exceed 10,000 CIS.</li> </ol>	209 thru 219	NA 4	5000501-01 - T51082  5000501-01 - T51082 (Not Disassembled)
<b>AD has been Superseded by AD 2005-21-01 No entry required on form.</b>					
97-19-13 Amdt. 39-10500	DC9-010/- 014	The Starter Air Shutoff Valve is required to be modified to assure that an over speed of the starter will not occur. The new Starter Air Shutoff Valve is P/N 392796-2-2.	DC9/MD80	NCW	Not received with engine.  Not shipped with engine.
98-21-24 Amdt. 39-10832		Remove from service and ship to GE C3, C4, C7 thru C12 disks listed in Table 1 of AD at next shop visit or prior to 3000 CIS from 16 Nov. 98. Per Bulletin JTRD-025 Dated 27 Mar 98.	209 thru 219	NA 3/4	772803 - B103AA0176 777704 - BBDUAM7925 5006007-021 - BENCAX5981 821938 - BENCAX2740 822209 - BENCAX2210 772510-001 - BENCAL4477 772511-001 - BENCAL2857 798512-001 - BENCAM8907
99-01-08 Amdt. 39-10975		Remove from service and scrap C-7 thru C-12 disks listed in Appendix 1 of this AD with schedule in 2. (a) (1) thru (4). Disks with < 500 TIS since Ni-Cad plating or by > 500 TIS since Ni-Cad plating require no action.	209 thru 219	NA 3/4	5006007-021 - BENCAX5981 821938 - BENCAX2740 822209 - BENCAX2210 772510-001 - BENCAL4477 772511-001 - BENCAL2857 798512-001 - BENCAM8907



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AD Note	Reference	Description	App. Models	Compliance	Remarks
99-10-11 Amdt. 39-11164	ASB6241:R2	Fan blade inspection and installation of improved Blade design.	209 thru 219	NA 3	851621 28ea. 798821-002 6ea.
Part I	ASB6241:R2	Inspect blades/shrouds for lockup and LE for damage. CW every 14 days, 125 cycles or 200 hours which ever is later.		NA 3	851621 28ea. 798821-002 6ea.
Part II	ASB6241:R2	Lubricate shrouds. If shrouds found locked up per Part I - Recheck and re-lubricate within 10 cycles. If shrouds found relocked occurs within 225 cycles remove blade within 50 cycles.		NA 3	851621 28ea. 798821-002 6ea.
Part III	ASB6241:R2	Replace or modify blades to SB 6174 and 6193 in complete sets on or before 12,000 TPC or TSLR or within 2500 cycles after 1/26/96 or prior to 5/1/03 whichever comes first.		FCW	851621 28ea. 798821-002 6ea.
99-12-04		<b>AD has been Superseded by AD 2000-21-07</b>			<b>No entry required on form.</b>
99-22-14		<b>AD has been Superseded by AD 2004-26-04</b>			<b>No entry required on form.</b>
99-26-06		<b>AD has been Superseded by AD 2002-16-08</b>			<b>No entry required on form.</b>
99-27-01		<b>AD has been Superseded by AD 2005-02-03</b>			<b>No entry required on form.</b>
2000-21-07		<b>AD has been Superseded by AD 2002-13-09</b>			<b>No entry required on form.</b>
2002-13-09		<b>AD has been Superseded by AD 2005-18-02</b>			<b>No entry required on form.</b>
2002-16-08 Amdt. 39-12847	6359:R3	1. Inspect COCC per Part 1 and 2 of ASB6359.	209 thru 219	NA 3	815556 - BJNBAL9114
	6291:R4	2. Replace COCC IF accessible with new one-piece case.		NA 3	Ref. NewJet AD Summary, dated: 04/17/2007.



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AD Note	Reference	Description	App. Models	Compliance	Remarks
2002-21-17 Amdt. 39-12924	6100:R2	Installation of Fan Exit Guide Vane Case Stops to prevent separation.	209 thru 219	PCW	Ref. NewJet AD Summary, dated: 04/17/2007.
2002-23-14	<b>AD has been superseded by AD 2006-17-07 No entry required on form.</b>				
2003-16-05 Amdt. 39-13258	ASB6435:R1	Perform initial and repetitive inspections of through 12 stage HPC disks <b>7<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <u>03/23/2016</u>	209 thru 219	PCW	5006007-021 - BENCAR5981 Ref. NewJet AD Summary, dated: 04/17/2007.
		<b>8<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <u>03/05/2016</u>		PCW	821938 - BENCAX2740 Ref. NewJet AD Summary, dated: 04/17/2007.
		<b>9<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <u>03/23/2016</u>		PCW	822209 - BENCAX2210 Ref. NewJet AD Summary, dated: 04/17/2007.

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AD Note	Reference	Description	App. Models	Compliance	Remarks
2003-16-05 Amdt. 39-13258 Con't.		<b>10<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <b>03/22/2016</b>		PCW	772510-001 - BENCAL4477 Ref. NewJet AD Summary, dated: 04/17/2007.
		<b>11<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <b>03/22/2016</b>		PCW	772511-001 BENCAL2857 Ref. NewJet AD Summary, dated: 04/17/2007.
		<b>12<sup>th</sup> Stage HPC Disk</b> Re-inspection Next Due: <b>03/23/2016</b>		PCW	798512-001 - BENCAM8907 Ref. NewJet AD Summary, dated: 04/17/2007.

Note 1: Customer (owner/operator) is responsible for tracking status and utilization.  
Note 2: Corrosion re-inspection date does not include engine preservation time per ASB 6435.



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AD Note	Reference	Description	App. Models	Compliance	Remarks
EASA 2004-0004	P&W SB 6245	To prevent a risk of detachment of the independent ring integrated with the air Seal in the second stage of the IPT. Refer to AD for applicable ESN's.  <i>NOTE: Incorporation of PWA SB 6245 terminates the actions mandated by this AD.</i>	All	PCW	Ref. Swissair A.D. Summary, dated: 11/19/2002.
2004-26-04 Amdt. 39-13916	ASB6346:R3	Install Improved N2 High Turbine containment Kit.  OR  A. Install upper & lower shield assemblies. B. Install shield support assemblies. C. Install support plates. D. Install Inner & Outer Rear Shield Plate. E. Install shield cover assembly.	209 thru 219	PCW  PCW  PCW  PCW  PCW	Kit PN Unknown.  Ref. Newtec AD Summary, dated: 04/17/2007. 819814-01 819816-01  PN'S Unknown  PN'S Unknown  PN'S Unknown  PN'S Unknown
2005-02-03 Amdt. 39-11482	6224:R5	Perform blade torque inspection on T3 & T4 Turbine Blades. A. Inspect Pre S/B 5867:R2 T-3 blades (small notch) <input type="checkbox"/> NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T	209, 217 217A	NA I	T-3 BIDS - 798403 T-4 BIDS - 819204-001  Engine is -219

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AD Note	Reference	Description	App. Models	Compliance	Remarks
2005-02-03 Amdt. 39-11482 Com't	5867:R2	B. Inspect Post S/B 5867:R2 T-3 blades (large notch)	209, 217, 217A	NA 1	T-3 BLDS -798403 Engine is -219
	6029:R0	Re-inspect T-3 blades within ____ TIS. C. Inspect Pre S/B 6029:R0 T-4 Blades (small notch) <input type="checkbox"/> NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T		NA 1	T-4 BLDS - 819204-001
	6029:R0 or 6308:R0	D. Inspect Post S/B 6029:R0 or S/B 6308:R0 T-4 blades (large notch) <input type="checkbox"/> NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T	209, 217, 217A	NA 1	T-4 BLDS - 819204-001 Engine is - 219
	6090:R4	Re-inspect T-4 blades within ____ TIS. E. Inspect Pre S/B 6090:R4 T-4 blades (small notch) <input type="checkbox"/> NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T	217C, 219	NA 3	T-4 BLDS - 819204-001
	6402:R0 or 6412:R0	Re-inspect T-4 blades within ____ TIS. F. Inspect Post S/B 6090:R4, S/B 6402:R0 or S/B 6412:R0 T-4 blades (Large notch) <input type="checkbox"/> NEW <input checked="" type="checkbox"/> OH <input type="checkbox"/> C/T	217C, 219	PCW	T-4 BLDS - 819204-001 Ref. NewJet AD Summary, dated: 04/17/2007.

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AD Note	Reference	Description	App. Models	Compliance	Remarks
2005-02-03 Amdt. 39-11482 con't	6455:R0	G. Install improved bolts P/N MS9557-15 and nuts P/N 375095 or 490270 on LPT Case to Exhaust case as per SB 6455:R0	209 thru 219	PCW	Bolts - MS9557-15 Nuts - 490270. Ref. PCFC, LLC AD Summary, dated: 01/12/2009.
<b>On Wing Inspection Only (Operator Responsibility)</b>					
2005-17-16 Amdt 39-14237	ASB6442:R0	Remove all coating from the disks and hubs identified in Table 1 and 2 of this AD.	209 thru 219	NA 4	5006007-021 - BENCAX5981 821938 - BENCAX2740 822209 - BENCAX2210 772510-001 - BENCAL4477 772511-001 - BENCAL2857 798512-001 - BENCAMB907
2005-18-02 Amdt. 39-14242		Revise the continues Airworthiness Maintenance Program by adding the following "Critical Life Limited" Parts inspection: 1. Hub (Disk) 1 <sup>st</sup> Stage Compressor All P/N's 2. Hub Assembly 1 <sup>st</sup> Stage Compressor All P/N's	209 thru 219	NCW	5005001-001 - T51082 (Not Disassembled)
				NCW	5000501-001 - T51082 (Not Disassembled)

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AD Note	Reference	Description	App. Models	Compliance	Remarks	
2005-18-02 Amdt. 39-14242 cont'		3. Disk 13 <sup>th</sup> stage compressor All P/N's		NCW	5005613-01 - BENCAL1482 (Not Disassembled)	
		4. Disk & Hub Assembly HP Turbine All P/N's		NCW	855701 (Not Disassembled) - BKLBBD0342	
		5. Disk 1 <sup>st</sup> Stage HP Turbine All P/N's		NCW	855701 (Not Disassembled) - BKLBBD0342	
		6. Disk 2 <sup>nd</sup> Stage Turbine All P/N's		NCW	777622 (Not Disassembled) - T32572	
		7. Disk 3 <sup>rd</sup> Stage Turbine All P/N's		NCW	777603 (Not Disassembled) - BLDLBR9471	
		8. Disk 4 <sup>th</sup> Stage Turbine All P/N's		NCW	800804 (Not Disassembled) - BLDLBR4325	
		<i>Note: Perform inspection requirements whenever part is at piece part level. For the purpose of this AD, piece part is defined as all the blades removed.</i>				



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AD Note	Reference	Description	App. Models	Compliance	Remarks
2005-21-01 Amdt. 39-14339	5944:R5	Oil Temp Indicators for #4 and 5 Bearing Scavenge Tube - Install & Inspect every 65 operating hours max.	209 thru 219	CW	810486
2006-17-07 Rev.1 Amdt. 39-14728	ASB6430:R2	Requires initial and repetitive visual inspections for fretting and Fluorescent Magnetic Particles Inspections (FMPI) for cracking in the area of the tierrod holes on 8 <sup>th</sup> stage HPC Front Hub that have operated at any time with PWA 110-21 coating.	209 thru 219	NA	821938 - BENCAKX2740 Ref. NewJet AD Summary, dated: 04/17/2007. (New Ni-Cad Disk Installed).
		8-9 Spacer		NA	773168-002 - FP6550 Ref. NewJet AD Summary, dated: 04/17/2007. (New Ni-Cad Spacer Installed).

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