AIRWORTHINESS DIRECTIVE AND MODIFICATION RECORD

REG:	Model	SN	Year	ENGINES	ENGINE	Eng no. 1
EC155B1	PH-EQU	6708	2005		Arriel 2C2	26099

SB Issue Date	SB	AD Issue Date	BLA/MD	EASA-AD / FAA-AD	ACTION	INTERVAL	D. DATE	TYPE	ACTION REQUIRED?	ACTION TAKEN	DATE	MECH
		10-08-2004		F-2004-139	ARRIEL 2 - Engine Fuel & Control - HMU Acceleration Control Axle - Inspection and Lubrication				NO	SUPERSEDED BY AD 2007-0026		
	292722816	22-12-2004		F-2004-192	ARRIEL 2 - Engine - Torque Conformation Box Resistance Values - Check/Modification				NO	N/A FOR 2C2	01-01-2006	HAM
	292722821	20-09-2005		F-2005-162	ARRIEL 2 - Engine - Free turbine containment shields - Inspection				NO	N/A FOR 2C2	08-10-2005	HAM
	292732812R2	23-11-2005		F-2005-188	ARRIEL 2 - [Corrected] Engine Fuel and Control - Hydromechanical Metering Unit (HMU) - Visual Inspection of the Drive-Link Splines				NO	SUPERSEDED BY AD 2007-0044		
02-01-2007	292 73 2822R2				ARRIEL 2C2 - Visual Inspection of adjusted Hydromechanical Metering Unit (HMU) drive splines.	500 & REMOVAL			NO	SUPERSEDED BY E		
	292732318	09-01-2007		2007-0006	ARRIEL 2 - Engine Fuel & Control - Hydro Mechanical Unit (HMU) Constant Delta Pressure Valve Diaphragm - Replacement				NO	N/A FOR 2C2	23-01-2007	HAM
	292732814R2	01-02-2007		2007-0026	ARRIEL 2 - Engine Fuel & Control - HMU Acceleration Control Axle - Inspection and Lubrication				NO	SUPERSEDED BY AD 2009-0246		
	292732812R4	21-02-2007		2007-0044	ARRIEL 2 - [Corrected] Engine Fuel and Control - Hydromechanical Metering Unit (HMU) - Visual Inspection of the Drive-Link Splines				NO	N/A FOR 2C2	21-02-2007	HAM
	292732824	08-03-2007		2007-0063	ARRIEL 2 - Engine Fuel & Control - Hydro Mechanical Unit (HMU) Fuel Filter Drain Screw - Replacement				NO	N/A FOR 2C2	08-12-2007	HAM
		30-03-2007		2007-0085	ARRIEL 2 - [Corrected] Engine Fuel & Control - Engine Electronic Control Unit (EECU) – Software Modification				NO	SUPERSEDED BY AD 2012-0147		
05-04-2007	292722825	19-04-2007		2007-0109	ARRIEL 2B1 - [Corrected] Engine - Module M03 (Gas Generator) - Turbine Blade Borescope Inspection/Replacement				NO	SUPERSEDED BY AD 2007-0109R1		
	292722817	02-05-2007		2007-0117	ARRIEL 2 - Return to Service for Civil Use from an Operator Not Controlled by a Civil Authority				NO	N/A ALLWAYS C/W CAA	08-09-2014	TURBOMECA
	292732818R1	07-05-2007		2007-0126	ARRIEL 2B1 - Engine Fuel & Control - Hydro Mechanical Unit (HMU) Constant Delta Pressure Valve Diaphragm - Replacement				NO	SUPERSEDED BY AD 2009-0091		
24-08-2007	AL2565/07/26				ARRIEL 2- In-flight shut-down following the rupture of a module M01 bevel gear			CHK	NO	N/A BY TYPE START/GEN	30-10-2007	HHT
20-05-2008	GSL 2625/08				SALINE ATMOSPHERE DEFINITION			DEFINITION	YES	below 25O FT/ 3 NM INLAND, ENGINE WASH REQUIRED	28-05-2008	HHT
13-03-2008	292 73 2826	06-05-2008		2008-0077	HMU-LOW FUEL PRESSURE SWITCH INSPECTION/REPLACEMENT		30-sep-2009	INSP/REPL	NO	N/A FOR 2C2	06-05-2009	HHT
17-09-2008	292 73 2109E	20-01-2009		2009-0010	ENGINE & FUEL CONTROL-DECU-SOFTWARE MODIFICATION				NO	SUPERSEDED BY AD 2009-0010R1		
20-03-2009	A292 73 2833	25-03-2009		2009-0068-E	FREE TURBINE, RESTRICTED USE LIMIT OF THE FT BLADES.				NO	SUPERSEDED BY AD 2009-0112R1		
29-01-2009	292 73 2818C	04-05-2009		2009-0091	ARRIEL 2B1 - Engine Fuel & Control - Hydro Mechanical Unit (HMU) Constant Delta Pressure Valve Diaphragm - Replacement				NO	N/A FOR 2C2	04-05-2009	HHT
27-05-2009	A292 72 0825	02-06-2009		2009-0117-E	ENGINE-MODULE M05- LUBRICATION DUCT			CHK/REP	NO	SUPERSEDED BY AD 2009-0245-E		
10-07-2009	A292 73 2830B	14-08-2009		2009-0184	HMU-LOW PRESSURE FUEL PUMP IMPELLER DRIVE		30-jun-2010	CHK	NO	SUPERSEDED BY AD 2010-0215		
15-07-2009	A292 73 2833C	30-07-2009		2009-0112R1	FREE TURBINE, RESTRICTED USE LIMIT OF THE FT BLADES.	5000cyc			NO	N/A FOR 2C2	31-07-2009	HHT
17-07-2009	292 72 2834C				FREE TURBINE, RESTRICTED USE LIMIT OF THE FT BLADES.	5000cyc			NO	SUPERSEDED BY REV D		

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21-09-2009	292 72 2825B	09-11-2009		2007-0109R1	ARRIEL 2B1 - [Corrected] Engine - Module M03 (Gas Generator) - Turbine Blade Borescope Inspection/Replacement				NO	N/A FOR 2C2	12-11-2009	HHT
06-10-2009	A292 72 0825B	10-11-2009		2009-0245-E	ENGINE-MODULE M05- LUBRICATION DUCT			CHK/REP	NO	N/A FOR 2C2	10-11-2009	HHT
16-10-2009	A292 73 2814D	10-11-2009		2009-0246	ENGINE - FUEL METERING ACCELERATION CONTROLLER AXLE			CHK	NO	N/A FOR 2C2	10-11-2009	HHT
25-03-2010	292 72 2834D				FREE TURBINE, RESTRICTED USE LIMIT OF THE FT BLADES.	5000cyc			NO	M04 NOT LISTED IN SB	08-09-2014	TURBOMECA
02-06-2010	292 73 2831				ADJUSTED HMU - REPLACEMENT OF THE LOW FUEL PRESSURE SWITCH				NO	SB 292 73 2831 C/W ON HMU S/N 326B	08-09-2014	TURBOMECA
15-06-2010	292 72 2166C				MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY REV D		
28-09-2010	292 72 2166D				MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY REV E		
04-10-2010	292 72 2166E				MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY REV F		
20-09-2010	A292 72 3166B	01-10-2010		2010-0198	MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY AD 2012-0054		
10-07-2009	A292 73 2830B	14-10-2010		2010-0215	HMU-LOW PRESSURE FUEL PUMP IMPELLER DRIVE		30-jun-2010	CHK	NO	N/A FOR 2C2	14-10-2010	HHT
17-09-2008	292 73 2109E	26-01-2011		2009-0010R1	ENGINE & FUEL CONTROL-DECU-SOFTWARE MODIFICATION				NO	N/A FOR 2C2	28-01-2011	HHT
05-07-2015	A292 73 2841	06-07-2011		2011-0128E	ENGINE FUEL & CONTROL -HYDROMECHANICAL METERING UNIT (HMU)		6-nov-2011	CHK/REP	NO	N/A FOR 2C2	06-07-2011	HHT
13-05-2011	292 72 2166F				MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY REV G		
22-09-2011	A292 72 2843				MODULE M04 - POWER TURBINE BLADES - LIFE LIMIT / REPLACEMENT	5000FC			NO	SUPERSEDED BY B	08-09-2014	TURBOMECA
19-12-2011	A292 73 2845	22-12-2011		2011-0249	ENGINE FUEL & CONTROL - DIGITAL ENGINE CONTROL UNIT (DECU) - IDENTIFICATION / REPLACEMENT		5-jan-2013		NO	SERIAL NUMBER 1530 NOT LISTED IN APPENDIX 3	22-12-2011	HHT
23-04-2010	292 72 2165				MODULE M03 - HP BLADE MADE OF MC2 WITH A CODEPOSITION COATING, MODIFICATION TU 165			MOD	NO	C/W TU 165 BY HP BLADES P/N 229226A400	08-09-2014	TURBOMECA
26-03-2012	292 72 2166G				MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	PERFORMED TU 166 I/A/W ASB A292 72 5166	08-09-2014	TURBOMECA
20-09-2010	A292 72 3166B	02-04-2012		2012-0054	MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY AD 2012-0124		
18-06-2012	A292 72 5166	09-07-2012		2012-0124	MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY AD 2012-0124R1		
03-04-2012	292 73 2846				ADJUSTED HMU - INSPECTIONS AUTHORIZING TBO TO BE EXTENDED TO 3300 HRS AND LOG CARD UPDATE	3300			NO	POST TU 147 & TU 157	08-09-2014	TURBOMECA
29-05-2012	A292 73 2847	31-07-2012		2012-0141	ARRIEL 2 - ENGINE FUEL & CONTROL - Hydro-Mechanical Metering Unit - Replacement			REPLACE	NO	N/A FOR 2C2	01-08-2012	HHT
		07-08-2012		2012-0147	ARRIEL 2 - [Corrected] Engine Fuel & Control - Engine Electronic Control Unit (EECU) – Software Modification				NO	N/A FOR 2C2	08-08-2012	HHT
18-06-2012	A292 72 5166	22-01-2013		2012-0124R1	MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	SUPERSEDED BY B		
13-03-2013	292 73 2822E				ARRIEL 2C2 - Visual Inspection of adjusted Hydromechanical Metering Unit (HMU) drive splines.	500 & REMOVAL			NO	SUPERSEDED BY F		
15-03-2013	A292 72 5166B	22-01-2013		2012-0124R1	MODULE M03 - HP BLADE DAMPERS, MODIFICATION TU 166			MOD	NO	PERFORMED TU 166 I/A/W ASB A292 72 5166	08-09-2014	TURBOMECA
21-06-2013	292 73 2822F	30-07-2013		2013-0170	ARRIEL 2C2 - Visual Inspection of adjusted Hydromechanical Metering Unit (HMU) drive splines.	525 & REMOVAL			YES	EVERY TIME THE HMU IS REMOVED, MAX 525 HRS, INCORPORATED IN COMPONENT RECORD	08-09-2014	TURBOMECA

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24-06-2013	292 73 2818D	30-07-2013		2013-0171	ARRIEL 2B1 - Engine Fuel & Control - Hydro Mechanical Unit (HMU) Constant Delta Pressure Valve Diaphragm - Replacement	1500 / 1000 Nf cyc			NO	N/A FOR 2C2	25-09-2013	HHT
		11-02-2014		2014-0036	ENGINE - ACCESSORY GEAR BOX (M01) - 41/23 TOOTH BEVEL GEAR ASSEMBLY - CHECK/REPLACEMENT			CHK	NO	PERFORMED CHECK DURING OVERHAUL	08-09-2014	TURBOMECA
09-12-2013	292 72 2182				MODULE M01 - REPLACEMENT OF THE MAGNETIC SEAL, MODIFICATION TU 182			MOD	NO	MOD TU 182 C/W	08-09-2014	TURBOMECA
13-03-2014	292 71 2180				ARRIEL 2 - MODIFICATION OF DRAIN COLLECTOR, MODIFICATION TU 180			MOD	YES	RECOMMENDED AFTER PARTS ARE AVAILABLE		
17-03-2014	SL 2908/14/AR2C				FUEL SYSTEM CONTAMINATION			RECOM	YES	DISCONNECT HMU DRAIN PIPE BY RINSE/WASH		
29-07-2014	292 73 2846B				ADJUSTED HMU - INSPECTIONS AUTHORIZING TBO TO BE EXTENDED TO 3500 HRS AND LOG CARD UPDATE	3500		MOD	NO	TU147 & TU148 & TU157 C/W, INCORPORATED IN COMPONENT RECORD	08-09-2014	TURBOMECA
24-04-2015	292 72 2861	06-08-2015		2015-0162	ENGINE - Accessory Gear Box Module M01 - Inspection / Replacement	100		CHK	YES	PERFORM BEFORE 850 EH		
02-06-2015	A292 72 2843B				MODULE M04 - POWER TURBINE BLADES - LIFE LIMIT / REPLACEMENT, EXTENSION TO 7500 CYCLES	7500FC			NO	SERIAL NUMBER NOT LISTED IN APPENDIX 3	08-09-2014	TURBOMECA
15-07-2015	292 72 2860	25-08-2015		2015-0177	ENGINE - Torque Conformation box - Check	660	25-feb-2016	CHK	YES			