

MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

EASA.145.3177

Pursuant to Regulation (EU) N° 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) N°1321/2014 and subject to the conditions specified below, the Agency hereby certifies:

ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED

CLEEVE BUSINESS PARK BISHOPS CLEEVE CHELTENHAM
GL52 8TW CHELTENHAM, GLOUCESTERSHIRE
UNITED KINGDOM

as a maintenance organisation in compliance with Section A of Annex II (Part-145) of Regulation (EU) N° 1321/2014, approved to maintain the products, parts and appliances listed in the attached terms of approval and issue related certificates of release to service using the above reference and, when stipulated, to issue airworthiness review certificates after an airworthiness review as specified in point ML.A.903 of Annex Vb (Part-ML) to that Regulation for those aircraft listed in the attached terms of approval.

CONDITIONS:

- 1) This approval is limited to that specified in the scope of work section of the approved maintenance organisation exposition as referred to in Section A of Annex II (Part-145), and
- 2) This approval requires compliance with the procedures specified in the approved maintenance organisation exposition, and
- 3) This approval is valid whilst the approved maintenance organisation remains in compliance with Annex II (Part-145) of Regulation (EU) N° 1321/2014.
- 4) Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: **1 January 2021**
Date of this revision: **18 August 2024**
Revision No: **2**

Signed:



For the European Union Aviation Safety Agency,



MAINTENANCE ORGANISATION TERMS OF APPROVAL

Reference: EASA.145.3177

Organisation: **ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED**
 CLEEVE BUSINESS PARK BISHOPS CLEEVE
 CHELTENHAM
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 UNITED KINGDOM

CLASS	RATING	LIMITATION	BASE	LINE
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C03	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C06	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C07	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C08	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C09	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C12	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C13	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C14	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C15	i.a.w. approved Capability List	---	---
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs	C16	Propeller component other than complete propeller i.a.w. approved Capability List	---	---

These terms of approval are limited to those products, parts and appliances and to the activities specified in the scope of work section of the approved maintenance organisation exposition,

Maintenance Organisation Exposition reference: **OEASA Expo 145-1**

Date of original issue: **01 Jan 2021**

Date of last revision approved: **20 Dec 2023** Issue number: --- Revision number: **3**

Approved Locations

LOCATION	NAME	Address	Country
145 - Base, Engine, Component Site	ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED	CLEEVE BUSINESS PARK BISHOPS CLEEVE CHELTENHAM GL52 8TW CHELTENHAM, GLOUCESTERSHIRE	UNITED KINGDOM
145 - Principal Place of Business	ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED	CLEEVE BUSINESS PARK BISHOPS CLEEVE CHELTENHAM GL52 8TW CHELTENHAM, GLOUCESTERSHIRE	UNITED KINGDOM



MAINTENANCE ORGANISATION TERMS OF APPROVAL

Reference: EASA.145.3177

Organisation: **ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED**
CLEEVE BUSINESS PARK BISHOPS CLEEVE
CHELTENHAM
GL52 8TW CHELTENHAM, GLOUCESTERSHIRE
UNITED KINGDOM

LOCATION	NAME	Address	Country
145 - Base, Engine, Component Site	ONTIC ENGINEERING & MANUFACTURING (UK) LIMITED	METEOR BUSINESS PARK CHELTENHAM ROAD EAST GL2 9QL GLOUCESTER, GLOUCESTERSHIRE	UNITED KINGDOM

Signed:



For the European Union Aviation Safety Agency,



MAINTENANCE CAPABILITY LIST

EASA Certificate No: [EASA.145.3177](#)

Revision No: 5

Revision Date: [27-AUGUST-2024](#)

Statement on Maintenance Capability List

This certifies that all items listed in this maintenance capability list are within the approved scope of maintenance organisation certificate issued by EASA (Cert No: [EASA.145.3177](#)) **once this document is approved/acknowledged by EASA**. It is guaranteed that the maintenance organisation is qualified for housing, facility, tools and equipment, materials, airworthiness documentation and personnel listed in the maintenance capability list, has the working instruction as EASA Part 145 requested in place, and meets EASA Part 145 requirements constantly.

A change to add a new rating to this maintenance capability list will be reported to EASA for approval, records confirming the approval of this document shall be kept on file.

Any change to this maintenance capability list for existing ratings i.e. adding a new part number under an existing rating, will be approved by Ontic and a copy will be sent to EASA for record purposes. Records from EASA confirming the receipt of this document shall be kept on file.

Internal review by:-

Name: Eric Lopes

Signature:

Eric Lopes Digitally signed by Eric Lopes
Date: 2024.08.28
14:25:58 +01'00'

Date: [27-AUG-2024](#)

Revision Record

Revision Number	Revision Date	Explanation of Revision Contents	Inserted By	Insertion Date
A-E	N/A	Create EASA QC-130B Maintenance Capability List, to allow separation from the UK CAA QC-130 Maintenance Capability List Revision F.	N/A	N/A
F	29-MAR-2023	Change of LoM for C7 C8E38-* and C14 010SP0000, 010MP0005, 001SP0005, 002MP0005.	Ryan Renard	29-MAR-2023
G	02-JUN-2023	Add C3 2041444-XXXX (Staverton).	Ryan Renard	06-JUN-2023
H	17-JUL-2023	Add C14 Stav H10924001 (Landing Gear Sel. Alt.), C3 D60268 MKXXXXX and C3 7021450-XXX.	Ryan Renard	17-JUL-2023
1	27-SEP-2023	Add C3 Cleeve 7008471-XXXX (Weather Radar Controller) and Reinstatement of D31AB451.	Ryan Renard	27-SEP-2023
2	05-FEB-2024	Add C3 Capability for 2041213-04XX & 2041214-04XX (Mounting Tray). Add C9 Capability (-4 Variant) for KPU1761 (IDCA)	Ryan Renard	05-FEB-2024
3	24-MAY-2024	Add C7 Capability for 3275550-XX, 3275552-XX, 3275556-XX, 3275586-XX, 3275588-XX, 3275590-XX (ETRAS Actuators), 3275538-XX (CF6 Actuator), 3272570-XX (CF34 Actuator), 3283086-XX (CF6 Brake), 3283142-XX (ETRAS TLS) to Staverton Expand C16 Capability for 666000143 to Bishops Cleeve (F50 PEC).	Darron Phillips	24-MAY-2024
4	30-JUL-2024	Add C7 Capability for 3272564-1. NDT approvals clarified with a 3C category.	Darron Phillips	30-JUL-2024
5	27-AUG-2024	Update of certificate number EASA.145.3177	Darron Phillips	27-AUG-2024

List of Effective Pages

Page	Revision	Date	Page	Revision	Date	Page	Revision	Date
1	5	27-AUG-2024	7	5	27-AUG-2024			
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3	5	27-AUG-2024	9	5	27-AUG-2024			
4	5	27-AUG-2024						
5	5	27-AUG-2024						
6	5	27-AUG-2024						

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Key to Level of Maintenance and Part Series

In the document below the following information has been shortened into a key

Level of Maintenance	
1 = Inspect and Test	3 = Modify
2 = Repair <ul style="list-style-type: none"> • ("A" Limited repair, no non-standard component replacement) • ("B" LRU Repair excluding LRM component level replacement) • ("C" NDT requirement, repair by new replacement only) 	4 = Overhaul

* = Series of numbers i.e. 01, 02, 03 etc. or 7* means 7000, 7100 series etc.

To distinguishing the processes of the different sites, Bishops Cleeve and Staverton, this will be identified by **Orange for Bishops Cleeve** and **Green for Staverton**.

The C3 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Smiths and also GE, and also Honeywell, and also Penny and Giles.

The C6 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Triumph.

The C7 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Smiths and also GE and also Ultra and also Honeywell.

The C8 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Smiths and also GE and also Ultra, and also OTM.

The C9 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Smiths and also GE.

The C12 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Triumph.

The C13 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Smiths and also GE, and also Curtiss-Wright.

The C14 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Triumph and also Ultra.

The C15 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Kidde.

The C16 Manufacturer is currently Ontic, but previous CMM's have the manufacturer as Ultra and also Dowty.

Ontic Engineering and Manufacturing UK Capability list

Rating	ATA	Part Number	Designation	Manufacturer	CMM Ref	Level of Maintenance	Staverton	Approval
							Bishops Cleeve	EASA EASA.145.3177
C3 Comms & Navigation	34	D60268 MK*	Air Data Sensor (ADS)	Penny and Giles/Ontic	34-11-22	1, 2, 3		Yes
		WL101AMS*	Altimeter / Airspeed Indicator	Smiths/GE/Ontic	34-11-41	1, 2, 3		Yes
		066-50008-*	RTA-4B Receiver-Transmitter	Honeywell/Ontic	34-41-36	1, 2B, 3		Yes
		2041444-04*	DAA-4A, Antenna Drive Unit	Honeywell/Ontic	34-41-11	1, 2, 3		Yes
		2041445-04*	REA-4A PLANAR ARRAY ASSEMBLY	Honeywell/Ontic	34-41-11	1		Yes
		2041446-04*	REA-4B PLANAR ARRAY ASSEMBLY	Honeywell/Ontic	34-41-11	1		Yes
		3614070-0401	REA-4D PLANAR ARRAY ASSEMBLY	Honeywell/Ontic	34-41-11	1		Yes
		2041220-*	CON-4A.4B Control Unit	Honeywell/Ontic	34-41-12	1, 2B, 3		Yes
		2041223-*	CON-4A.4B Control Unit	Honeywell/Ontic	34-41-12	1, 2B, 3		Yes
		7008471-XXXX	Weather Radar Controller	Honeywell/Ontic	34-40-34	1, 2, 3		Yes
		2041213-04XX & 2041214-04XX	Mounting Tray	Honeywell/Ontic	34-41-53	1, 2, 3		Yes
7021450-*	Receiver Transmitter Antenna (RTA)	Honeywell/Ontic	34-42-11	1, 2, 3		Yes		
C6 Equipment	25	104749	Hydraulic Damper	Triumph/Ontic	25-52-38	1, 2, 3,		Yes
C7 Engine - APU	73-79 inclusive	WL301EED*	N1% RPM Indicator	Smiths/GE/Ontic	77-10-44	1, 2, 3,		Yes
		C8E38-*	Bleed Valve Control Unit	Ultra Electronics/Ontic	75-32-02	1, 2, 3		Yes
		3275556-XX	Upper Cowl Actuator	Honeywell	78-31-51	1, 2C, 3		Yes
		3275590-XX	Upper Cowl Actuator	Honeywell	78-31-52	1, 2C, 3		Yes
		3275552-XX	Centre Cowl Actuator	Honeywell	78-31-45	1, 2C, 3		Yes
		3275588-XX	Centre Cowl Actuator	Honeywell	78-31-44	1, 2C, 3		Yes
		3275550-XX	Lower Actuator Assembly	Honeywell	78-31-43	1, 2C, 3		Yes
		3275586-XX	Lower Actuator	Honeywell	78-31-46	1, 2C, 3		Yes
		3275538-XX	Ballscrew Gearbox Assembly	Honeywell	78-32-61	1, 2C, 3		Yes
		3272570-XX	Thrust Reverser Ballscrew Actuator	Honeywell	78-30-29	1, 2C, 3		Yes
		3283086-XX	Lock Brake	Honeywell	78-32-55	1, 2C, 3		Yes
		3283142-XX	Tertiary Lock Assembly (TLS)	Honeywell	78-37-51	1, 2C, 3		Yes
		3272564-1	Splitter Gearbox	Honeywell	78-30-43	1, 2C, 3		Yes
C8 Flight Control	27	2061-15-1	Flap Position Indicator	Smiths/GE/Ontic	27-50-04	1, 2, 3		Yes
		9064A0001-*	Cam Switch Unit	OTM / Ontic	27-50-24	1, 2, 3		Yes
		9064B0001-*	Cam Switch Unit	OTM / Ontic	27-50-24	1, 2, 3		Yes
		008-CA-0*-0000	Rudder Control Unit	Ultra Electronics/Ontic	27-20-07	1, 2A		Yes
		0101KFP02	Fuelling Control Panel	Smiths/GE/Ontic	28-47-56	1, 2, 3		Yes
		0101KIP01-*	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-24	1, 2, 3		Yes
		0101KIP05-015	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-24	1, 2, 3		Yes
		0101KPU*	Fuel Quantity Processor	Smiths/GE/Ontic	28-47-07	1, 2, 3		Yes
		0102KFP01	Fuelling Control Panel	Smiths/GE/Ontic	28-47-25	1, 2, 3		Yes
		0102KIP01-*	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-31	1, 2, 3		Yes
		0102KIP02*	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-31	1, 2, 3		Yes
		0102KPU2	Fuel Quantity Processor	Smiths/GE/Ontic	28-47-08	1, 2, 3		Yes
		0103KFP0*	Fuelling Control Panel	Smiths/GE/Ontic	28-47-32	1, 2, 3		Yes
		0105KIP0*-016	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-24	1, 2, 3		Yes
		0106KIP02-*	Combined Processor/Totaliser	Smiths/GE/Ontic	28-47-31	1, 2, 3		Yes
		0107KPU1	Fuel Quantity Processor	Smiths/GE/Ontic	28-47-17	1, 2, 3		Yes
		0108KTU*	Tank Unit	Smiths/GE/Ontic	28-47-34	1, 2, 3		Yes
		0201KIP*-*	Combined Processor Totaliser	Smiths/GE/Ontic	28-47-54	1, 2, 3		Yes
		0201KSS01	Switch Unit	Smiths/GE/Ontic	28-47-55	1, 2, 3		Yes
		0201KTU*	Tank Unit	Smiths/GE/Ontic	28-47-05	1, 2, 3		Yes
		0202KIP0*-*	Combined Processor Totaliser	Smiths/GE/Ontic	28-47-54	1, 2, 3		Yes
		0204KTU*	Tank Unit	Smiths/GE/Ontic	28-47-19	1, 2, 3		Yes
		0207KTU*	Tank Unit	Smiths/GE/Ontic	28-47-19	1, 2, 3		Yes
		0208KTU*	Tank Unit	Smiths/GE/Ontic	28-47-27	1, 2, 3		Yes
0209KTU*	Tank Unit	Smiths/GE/Ontic	28-47-34	1, 2, 3		Yes		

Rating	ATA	Part Number	Designation	Manufacturer	CMM Ref	Level of Maintenance	Staverton	Approval
							Bishops Cleeve	EASA.145.3177
C9 Fuels	28	0210KTU*	Tank Unit	Smiths/GE/Ontic	28-47-34	1, 2, 3		Yes
		0212KTU* (* 01,03 thru 11, 13 thru 17, 20 & 21)	Tank Unit	Smiths/GE/Ontic	28-42-15	1, 2, 3		Yes
		0212KTU* * = 22 thru 26	Tank Unit	Smiths/GE/Ontic	28-42-41	1, 2, 3		Yes
		0216KTU*	Tank Unit	Smiths/GE/Ontic	28-47-38	1, 2, 3		Yes
		0218KTU01	Tank Unit	Smiths/GE/Ontic	28-47-38	1, 2, 3		Yes
		0220KTU	Fuel Quantity Tank Unit	Smiths/GE/Ontic	28-47-53	1, 2, 3		Yes
		0270KTU01	Tank Unit	Smiths/GE/Ontic	28-47-34	1, 2, 3		Yes
		0270KTU02	Tank Unit	Smiths/GE/Ontic	28-47-34	1, 2, 3		Yes
		0301KFP01-003	Auto Refuel Panel	Smiths/GE/Ontic	28-47-50	1, 2, 3		Yes
		0320KPU01	Fuel Quantity Processor Unit	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		0330KPU0*	Fuel Quantity Processor Unit	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		0335KPU0*	Fuel Quantity Processor Unit	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		0401KFP01-002	Fuel Service Panel	Smiths/GE/Ontic	28-47-52	1, 2, 3		Yes
		0402KFP01-001	Fuel Service Panel	Smiths/GE/Ontic	28-47-67	1, 2, 3		Yes
		1407KID01-02	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		1407KID02-03	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-40	1, 2, 3		Yes
		1407KID-C1-01	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		1410KID*	Multi Tank Indicator	Smiths/GE/Ontic	28-47-39	1, 2, 3		Yes
		1411KID*	Multi Tank Indicator	Smiths/GE/Ontic	28-47-39	1, 2, 3		Yes
		1412KID01-02	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
1412KID02-03	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-40	1, 2, 3		Yes		
1414KID*	Multi Tank Indicator	Smiths/GE/Ontic	28-47-39	1, 2, 3		Yes		
1418KID-01-03	Multi Tank Indicator	Smiths/GE/Ontic	28-42-44	1, 2, 3		Yes		
C9 Fuels	28	1420KID*	Multi Tank Indicator	Smiths/GE/Ontic	28-47-68	1, 2, 3		Yes
		1421KID51-1	Multi Tank Indicator	Smiths/GE/Ontic	S10208/1 28-47-68	1, 2, 3		Yes
		1422KID-02-03	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-40	1, 2, 3		Yes
		1423KID-02-03	Fuel Quantity Indicator	Smiths/GE/Ontic	28-42-40	1, 2, 3		Yes
		2101-01-*	Fuel Quantity Repeater Indicator	Smiths/GE/Ontic	28-44-06	1, 2, 3		Yes
		2107-01-1	Fuel Quantity Repeater Indicator	Smiths/GE/Ontic	28-44-56	1, 2, 3		Yes
		2173-01-1	Indicator, Fuel Quantity Repeater Preselect	Smiths/GE/Ontic	28-44-17	1, 2, 3		Yes
		2300-01-1	Fuel Quantity Indicator	Smiths/GE/Ontic	28-44-50	1, 2, 3		Yes
		2300-03-7	Fuel Quantity Indicator	Smiths/GE/Ontic	28-44-57	1, 2, 3		Yes
		2300-07-1	Fuel Quantity Indicator	Smiths/GE/Ontic	28-44-57	1, 2, 3		Yes
		2307-**-2 & 2307-**-3	Fuel Quantity Indicator	Smiths/GE/Ontic	28-44-67	1, 2, 3		Yes
		2307-02-1 & 2307-04-1	Fuel Quantity Indicator	Smiths/GE/Ontic	28-44-55	1, 2, 3		Yes
		2702KID-01	Fuel Quantity Indicator	Smiths/GE/Ontic	28-47-29	1, 2, 3		Yes
		4033*	Transient Suppression Unit	Smiths/GE/Ontic	28-44-62	1, 2, 3		Yes
		4035-01	Transient Suppression Unit	Smiths/GE/Ontic	28-44-64	1, 2, 3		Yes
		4050*	Fuel Summation Unit	Smiths/GE/Ontic	28-44-54	1, 2, 3		Yes
		4056*	Volumetric Shut-Off Unit	Smiths/GE/Ontic	28-44-13	1, 2, 3		Yes
		40-675-2075	PSU for 0330KPU0*	GE/Eldec/Ontic	28-47-69	1, 2, 3		Yes
		4215*	Digital Calibration Trim Unit	Smiths/GE/Ontic	28-44-51	1, 2, 3		Yes
		4254-04-3	Fuel Quantity Processor Module	Smiths/GE/Ontic	28-48-11	1, 2, 3		Yes
		4256-02	Fuel Quantity Densitometer	Smiths/GE/Ontic	28-48-03(CSD)	1, 2, 3		Yes
		6026-01	Integrated Refuel Panel	Smiths/GE/Ontic	28-48-01 (CSD)	1, 2, 3		Yes
		6026-02	Integrated Refuel Panel	Smiths/GE/Ontic	28-48-06	1, 2, 3		Yes
		6026-03	Integrated Refuel Panel	Smiths/GE/Ontic	28-48-06	1, 2, 3		Yes
		6033*	Signal Processor and Refuelling Panel	Smiths/GE/Ontic	28-48-04 (CSD)	1, 2, 3		Yes
		796-815-01-02	Preselector	Smiths/GE/Ontic	28-42-39	1, 2, 3		Yes
		796-815-02-03	Preselector	Smiths/GE/Ontic	28-42-45	1, 2, 3		Yes
		796-815-C1-01	Preselector	Smiths/GE/Ontic	28-42-39	1, 2, 3		Yes
		798-021-01-02	Preselector	Smiths/GE/Ontic	28-42-39	1, 2, 3		Yes

Rating	ATA	Part Number	Designation	Manufacturer	CMM Ref	Level of Maintenance	Staverton	Approval
							Bishops Cleeve	EASA EASA.145.3177
		798-021-02-03	Preselector	Smiths/GE/Ontic	28-42-45	1, 2, 3		Yes
		KIDA473	Microprocessor PCB (KG's)	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		KIDA473-1	Microprocessor PCB (KG's)	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		KIDA480	Microprocessor PCB (KG's)	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		KIDA482	PSU PCB	Smiths/GE/Ontic	28-42-22	1, 2, 3		Yes
		KPU1758-6	Backplane Assembly	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPU1761-* (*3,4,6,8,10)	Integrated Data Concentrator Assembly	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPU1762-2	Integrated Communications Module	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPU1762-3	Integrated Communications Module	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPU1810-*	Integrated Data Concentrator Assembly	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPU1813-1	Integrated Communications Module	Smiths/GE/Ontic	28-47-69	1, 2, 3		Yes
		KPUA340	Current Limit Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA443	Power Hold Up Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA452	Data Concentrator Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA452-1	Data Concentrator Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA466	Buffer Board Assembly	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA474	Arinc Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA475	Data Concentrator Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA476	CPU Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA480	Processor Module	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		KPUA481	Arinc Board Assembly	Smiths/GE/Ontic	28-47-65	1, 2, 3		Yes
		SIC5059-04*	Fuel Quantity Indicating System Computer	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC5059-11*	Fuel Quantity Indicating System Computer	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC5059-12-03-08	Fuel Quantity Indicating System Computer	Smiths/GE/Ontic	28-42-42	1, 2, 3		Yes
		SIC5059-13*	Fuel Quantity Indicating System Computer	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC5059-14*	Fuel Quantity Indicating System Computer	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC6175-01*	On Board Replaceable Memory Module	Smiths/GE/Ontic	28-42-35	1, 2, 3		Yes
		SIC6175-02*	On Board Replaceable Memory Module	Smiths/GE/Ontic	28-42-37	1, 2, 3		Yes
		SIC6699	Card 5 Board Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6734	CPU Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6734-1	CPU Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6736	Rear Module	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6737-* (*1,2)	PSU Module	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6765	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC6765-1	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC6770	Card 5 Board Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SIC6774	Rear Module Assembly	Smiths/GE/Ontic	28-42-34 OR 28-42-36	1, 2, 3		Yes
		SIC6804	PSU Module	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC6804-1	PSU Module	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC6869	DDAQ Board Assembly	Smiths/GE/Ontic	28-42-34 OR 28-42-36	1, 2, 3		Yes
		SIC6922	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC6923-1	Card 5	Smiths/GE/Ontic	28-42-42 OR 28-42-36	1, 2, 3		Yes
		SIC7029-1	PSU Module	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC8103	Rear Module Assembly	Smiths/GE/Ontic	28-42-34 OR 28-42-36	1, 2, 3		Yes
		SIC8103N	Rear Module Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SIC8107-4	CPU Assembly	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC8107-5	CPU Assembly	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC8602-*	PSU for SIC5059-13 and 14*	GE/Eldec/Ontic	28-42-68	1, 2, 3		Yes
		SIC8603-1	DDAQ Board Assembly	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC8603-2	DDAQ Board Assembly	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes

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Rating	ATA	Part Number	Designation	Manufacturer	CMM Ref	Level of Maintenance	Staverton	Approval
							Bishops Cleeve	EASA EASA.145.3177
		SIC8606-2	Rear Module	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SIC8606-3	Rear Module	Smiths/GE/Ontic	28-42-68	1, 2, 3		Yes
		SICA215	Rear Module Assembly	Smiths/GE/Ontic	DWG SIC6736	1, 2, 3		Yes
		SICA215	Rear Module	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA220	Card 5 Board Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA229	CPU Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA229-1	CPU Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA232-* (*1,2)	PSU Module	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA277	PSU Module	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SICA277-1	PSU Module	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SICA280	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SICA280-1	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SICA281	Card 5 Board Assembly	Smiths/GE/Ontic	28-42-34	1, 2, 3		Yes
		SICA282	Rear Module Assembly	Smiths/GE/Ontic	28-42-34 OR 28-42-36	1, 2, 3		Yes
		SICA285	DDAQ Board Assembly	Smiths/GE/Ontic	28-42-34 OR 28-42-36	1, 2, 3		Yes
		SICA302	CPU Assembly	Smiths/GE/Ontic	28-42-36	1, 2, 3		Yes
		SICA305-1	Rear Assembly	Smiths/GE/Ontic	28-42-42	1, 2, 3		Yes
		SICA308-1	Card 5	Smiths/GE/Ontic	28-42-42 OR 28-42-36	1, 2, 3		Yes
		SICA316	Data Acquisition	Smiths/GE/Ontic	28-42-42	1, 2, 3		Yes
		WL0201KID*	Fuel Quantity Indicator	Smiths/GE/Ontic	28-47-09	1, 2, 3		Yes
C12 Hydraulic	29	114151	High Pressure Relief Valve	Triumph/Ontic	29-11-32	1, 2, 3		Yes
		BHC1060	Priority Valve	Triumph/Ontic	29-10-11	1, 2, 3		Yes
C12 Hydraulic	29	D25AB243	HP Relief Valve	Triumph/Ontic	29-15-02	1, 2, 3		Yes
C13 Indicating/Recording Systems	31	2620-02-1	Electronic Clock	Smiths/GE/Ontic	31-21-13	1, 2, 3		Yes
		D52000-43000	PC Card Quick Access Reader (PQAR)	Curtiss-Wright/Ontic	31-34-25	1, 2, 3		Yes
		D52000-44000	PC Card Quick Access Reader (PQAR)	Curtiss-Wright/Ontic	31-34-25	1, 2, 3		Yes
		D52000-63000	PC Card Quick Access Reader (PQAR)	Curtiss-Wright/Ontic	31-34-24	1, 2, 3		Yes
		D52000-64000	PC Card Quick Access Reader (PQAR)	Curtiss-Wright/Ontic	31-34-24	1, 2, 3		Yes
		D52000-40*	Optical Card Quick Access Reader (OQAR)	Curtiss-Wright/Ontic	31-43-01	1, 2, 3		Yes
		D52000-42*	Optical Card Quick Access Reader (OQAR)	Curtiss-Wright/Ontic	31-43-01	1, 2, 3		Yes
		D52000-60*	Optical Card Quick Access Reader (OQAR)	Curtiss-Wright/Ontic	31-34-00	1, 2, 3		Yes
		D52000-62*	Optical Card Quick Access Reader (OQAR)	Curtiss-Wright/Ontic	31-34-00	1, 2, 3		Yes
		SA109996	Hold-Up PEC	Curtiss-Wright/Ontic	31-34-24 31-34-25	1, 2, 3		Yes
		SA108005-X	PSU Assy	Curtiss-Wright/Ontic	31-34-24 31-34-25 31-34-00 31-34-01	1, 2, 3		Yes
		SA108072-X	PEC 3MB Flash / SCSI	Curtiss-Wright/Ontic	31-34-24 31-34-25 31-34-00 31-34-01	1, 2, 3		Yes
		SA108134-X	Drive Assy	Curtiss-Wright/Ontic	31-34-24 31-34-25 31-34-00 31-34-01	1, 2, 3		Yes
SA108175-X	PEC CPU	Curtiss-Wright/Ontic	31-34-24 31-34-25 31-34-00 31-34-01	1, 2, 3		Yes		
SA109959	Reader Writer Memory Card	Curtiss-Wright/Ontic	31-34-24 31-34-25	1, 2, 3		Yes		
C14 Landing Gear	32	114079	Electro Hydraulic Selectors	Triumph/Ontic	32-31-34	1, 2, 3		Yes
		114080	Manifold Block	Triumph/Ontic	32-31-75	1, 2, 3		Yes
		114083	Vent Valve	Triumph/Ontic	32-33-13	1, 2, 3		Yes
		114086	Cut-Out Valve	Triumph/Ontic	32-33-12	1, 2, 3		Yes

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							Bishops Cleeve	EASA EASA.145.3177
		114087	Bypass Valve	Triumph/Ontic	32-31-25	1, 2, 3,		Yes
		114122	MLG Door Actuator	Triumph/Ontic	32-31-35	1, 2, 3,		Yes
		114153	Brake System Relief Valve	Triumph/Ontic	32-44-15	1, 2, 3,		Yes
		114170	Selector Manifold Assembly	Triumph/Ontic	32-31-31	1, 2, 3,		Yes
		114205	In-Line Pressure Relief Valve	Triumph/Ontic	32-31-38	1, 2, 3,		Yes
		150446	Selector Valve	Triumph/Ontic	32-50-24	1, 2, 3,		Yes
		201117	MLG Uplocks	Triumph/Ontic	32-31-44	1, 2, 3,		Yes
		201122	Door Uplock	Triumph/Ontic	32-31-33	1, 2, 3,		Yes
		001HS0005	Pressure Switch Assy	Triumph/Ontic	32-34-30	1, 2, 3,		Yes
		"1672A0000-03 / H10254003"	Landing Gear Control Valve	Triumph/Ontic	32-30-97	1, 2, 3,		Yes
		2-8300	Module Valve Nose Wheel Steering	Triumph/Ontic	32-51-01	1, 2, 3,		Yes
		2-8314	Control Valve, MLG	Triumph/Ontic	32-32-07	1, 2, 3,		Yes
		2-8329	NLG Control Valve	Triumph/Ontic	32-34-03	1, 2, 3,		Yes
		29-1205246-	Delay Valve Unit	Triumph/Ontic	32-30-98	1, 2, 3,		Yes
		AR0240	Free Fall Actuator	Triumph/Ontic	32-33-18	1, 2, 3,		Yes
		D26AB104	Landing Gear Cut Out Valve	Triumph/Ontic	32-33-09	1, 2, 3,		Yes
		D26AB106	Vent Valve	Triumph/Ontic	32-33-10	1, 2, 3,		Yes
		D26AB108	Landing Gear Cut Out Valve	Triumph/Ontic	32-33-60	1, 2, 3,		Yes
		D31AB441	LG Selector Valve & Manifold Assy	Triumph/Ontic	32-31-30	1, 2, 3,		Yes
		D31AB443	Safety Valve	Triumph/Ontic	32-31-17	1, 2, 3,		Yes
		D31AB441	LG Selector Valve & Manifold Assy	Triumph/Ontic	32-31-30	1, 2, 3,		Yes
		H10924001	LG Selector Valve & Manifold Assy	Triumph/Ontic	32-31-30	1, 2, 3,		Yes
		D31AB451	LG Selector Valve & Manifold Assy	Triumph/Ontic	32-31-60	1, 2, 3,		Yes
		D31AB453	LG Door Selector Valve & Manifold Assy	Triumph/Ontic	32-31-61	1, 2, 3,		Yes
		D31AB455	LG Centreline Gear Pitch Trimmer Selector Valve	Triumph/Ontic	32-31-62	1, 2, 3,		Yes
		H10333	Wing Landing Gear Uplock	Triumph/Ontic	32-32-34	1, 2, 3,		Yes
		H10350	Nose Landing Gear Uplock	Triumph/Ontic	32-32-35	1, 2, 3,		Yes
		H10351	Wing Landing Gear Door Uplock	Triumph/Ontic	32-32-36	1, 2, 3,		Yes
		H10352	Body Landing Gear Inner Door Uplock	Triumph/Ontic	32-32-37	1, 2, 3,		Yes
		H10353	Body Landing Gear Outer Door Uplock	Triumph/Ontic	32-32-38	1, 2, 3,		Yes
		H10355	Wing & Body Landing Gear Selector Valve	Triumph/Ontic	32-32-39	1, 2, 3,		Yes
		H10358	Wing Landing Gear Door Selector Valve	Triumph/Ontic	32-32-40	1, 2, 3,		Yes
		H10359	Body Landing Gear Door Selector Valve	Triumph/Ontic	32-32-41	1, 2, 3,		Yes
		H10363	Wing & Body Landing Gear Cut-Out Valve	Triumph/Ontic	32-32-42	1, 2, 3,		Yes
		H10364	Nose Landing Gear Cut-Out Valve	Triumph/Ontic	32-32-43	1, 2, 3,		Yes
		H10366	Landing Gear Vent Valve	Triumph/Ontic	32-32-44	1, 2, 3,		Yes
		H10368	By-Pass Valve	Triumph/Ontic	32-32-45	1, 2, 3,		Yes
		H10413	Nose Landing Gear Door Uplock	Triumph/Ontic	32-32-46	1, 2, 3,		Yes
		H10468	Body Landing Gear Uplock	Triumph/Ontic	32-32-49	1, 2, 3,		Yes
		H10501	Four-Way, Three Position Selector Valve	Triumph/Ontic	32-32-50	1, 2, 3,		Yes
		H10800	Uplock	Triumph/Ontic	32-31-76	1, 2, 3,		Yes
		TY3409	Free Fall Actuator	Triumph/Ontic	32-33-18	1, 2, 3,		Yes
		010SP0000	Steering Disconnect Panel	Ultra Electronics/Ontic	32-31-87	1, 2, 3,		Yes
		010MP0005	Maintainability Panel	Ultra Electronics/Ontic	32-31-86	1, 2, 3,		Yes
		001SP0005	Steering Disconnect Panel	Ultra Electronics/Ontic	32-31-84	1, 2, 3,		Yes
		002MP0005	Maintainability Panel	Ultra Electronics/Ontic	32-31-85	1, 2, 3,		Yes
C15 Oxygen	35	K28790-X	Barometric control valve type e	Kidde/Ontic	35-00-61	1, 2, 3, 4		Yes
		K38002*	Barometric control valve type e	Kidde/Ontic	35-00-61	1, 2, 3, 4		Yes
C15 Oxygen	35	K39117*	Barometric control valve type e	Kidde/Ontic	35-00-61	1, 2, 3, 4		Yes
C16 Propellers	61	400-PC-03-0000 (699018002)	Propeller Electronic Control Unit	Ultra Electronics/Ontic	61-20-01	1, 2, 3, 4		Yes
		400-PC-04-0000 (699018003)	Propeller Electronic Control Unit	Ultra Electronics/Ontic	61-20-01	1, 2, 3, 4		Yes

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							Bishops Cleeve	EASA EASA.145.3177
		400-PC-05-0000 (699018004)	Propeller Electronic Control Unit	Ultra Electronics/Ontic	61-20-01	1, 2, 3, 4		Yes
		400-PC-06-0000 (699018005)	Propeller Electronic Control Unit	Ultra Electronics/Ontic	61-20-01	1, 2, 3, 4		Yes
		666000143	Propeller Electronic Control Unit	Dowty	61-20-35	1, 2, 3		Yes