

REGISTER OF UK TECHNICAL STANDARD ORDER AUTHORISATIONS



NOTICE TO USERS OF THIS REGISTER

This register provides the list of UK Technical Standard Order Authorisations (UKTSOA) issued the by the CAA.

It is updated whenever a new UKTSOA is issued or an existing one is amended.

The columns of the register contain the following information:

1. Approval Number.
2. Date of last Issue of the UKTSOA.
3. Description/Name of the equipment.
4. Part Number(s) covered by the UKTSOA.
5. UK ETSO Standard(s).
6. Declaration of Design and Performance (DDP) reference.

AMENDMENT TABLE

Amendment Date	Change(s)
May 2021	Added UK.TSOA.00003 Acro Aircraft Seating Limited.
June 2021	Added UK.TSOA.00008 Mirus Aircraft Seating Limited. Added UK.TSOA.00015 Dunlop Aircraft Tyres Limited.
September 2021	Added UK.TSOA.00004 Survival-One Limited Added UK.TSOA.00018 Penny and Giles Aerospace Limited Added UK.TSOA.00019 Ipeco Holdings Limited
October 2021	Added UK.TSOA.00020 GE Aviation Systems Limited Added UK.TSOA.00022 Survitec Group Limited
November 2021	Added UK.TSOA.00008 Rev 1 Mirus Aircraft Seating Limited Added UK.TSOA.00029 Dunlop Aircraft Tyres Limited Added UK.TSOA.00013 Thompson Aero Seating Limited
February 2022	Added UK.TSOA.00003 Rev 1 Acro Aircraft Seating Limited Added UK.TSOA.00035 Techtest Limited Added UK.TSOA.00007 Mirus Aircraft Seating Limited
April 2022	Added UK.TSOA.00003 Rev 3 Acro Aircraft Seating Limited
May 2022	Added UK.TSOA.00037 Rev 0 Acro Aircraft Seating Limited Added UK.TSOA.00012 Rev 0 Thompson Aero Seating Limited Added UK.TSOA.00014 Rev 0 Thompson Aero Seating Limited
August 2022	Added UK.TSOA.00011 Rev 0 Thompson Aero Seating Limited
September 2022	Added UK.TSOA.00035 Rev 1 Techtest Limited Added UK.TSOA.00021 Rev 0 Penny & Giles Aerospace Limited
October 2022	Added UK.TSOA.00005 Rev 0 Instone Air Services Limited Added UK.TSOA.00024 Rev 0 Survitec Group Limited Added UK.TSOA.00031 Rev 0 Ipeco Holdings Limited Added UK.TSOA.00042 Rev 0 Ipeco Holdings Limited Added UK.TSOA.00044 Rev 0 Ipeco Holdings Limited Revision UK.TSOA.00007 Rev 1 Mirus Aircraft Seating Limited Revision UK.TSOA.00007 Rev 2 Mirus Aircraft Seating Limited Revision UK.TSOA.00007 Rev 3 Mirus Aircraft Seating Limited Added UK.TSOA.00009 Rev 0 Mirus Aircraft Seating Limited Added UK.TSOA.00048 Rev 0 Techtest Limited
November 2022	Added UK.TSOA.00004 Rev 1 Survival-One Limited Revision UK.TSOA.00008 Rev 2 Mirus Aircraft Seating Limited

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Amendment Date	Change(s)
	Added UK.TSOA.00012 Rev 1 Thompson Aero Seating Limited UK.TSOA.00015 Rev 1 Dunlop Aircraft Tyres Limited UK.TSOA.00018 Rev 1 Penny and Giles Aerospace Limited UK.TSOA.00019 Rev 1 Ipeco Holdings Limited UK.TSOA.00020 Rev 1 GE Aviation Limited UK.TSOA.00022 Rev 1 Survitec Group Limited UK.TSOA.00024 Rev 1 Survitec Group Limited UK.TSOA.00042 Rev 1 Ipeco Holdings Limited UK.TSOA.00046 Rev 0 Penny & Giles Aerospace Limited
January 2023	UKTSOA holders addresses removed from table (duplication) UK.TSOA.00051 Rev 0 Dunlop Aircraft Tyres Limited
May 2023	UK.TSOA.00038 Rev 0 Fergusson's Advanced Composite Technology Limited
June 2023	UK.TSOA.00018 Rev 2 Penny and Giles Aerospace Limited UK.TSOA.00056 Rev 0 Penny and Giles Aerospace Limited UK.TSOA.00057 Rev 0 Dunlop Aircraft Tyres Limited
July 2023	Revision UK.TSOA.00009 Rev 1 Mirus Aircraft Seating Limited Surrendered Authorisations Section Added
September 2023	Revision UK.TSOA.00047 Rev 1 Acro Aircraft Seating Limited Added UK.TSOA.00037 Rev 0 Mirus Aircraft Seating Limited Revision UK.TSOA.00003 Rev 5 Acro Aircraft Seating Limited
November 2023	Revision UK.TSOA.00003 Rev 6 Acro Aircraft Seating Limited
December 2023	UK.TSOA.00066 Rev 0 Dunlop Aircraft Tyres Limited UK.TSOA.00067 Rev 0 Dunlop Aircraft Tyres Limited
March 2024	UK.TSOA.00048 Rev 1 Techtest Limited Revision UK.TSOA.00047 Rev 2 Acro Aircraft Seating Limited
April 2024	Revision UK.TSOA.00047 Rev 3 Acro Aircraft Seating Limited Added UK.TSOA.00058 Rev 0 Mirus Aircraft Seating Limited
June 2024	Added UK.TSOA.00072 Rev 0 Ipeco Holdings Limited
July 2024	Revision UK.TSOA.00039 Rev 1 Mirus Aircraft Seating Limited Revision UK.TSOA.00047 Rev 3 Acro Aircraft Seating Limited Added UK.TSOA.00059 Rev 0 Amsafe Bridport Limited Added UK.TSOA 00081 Rev 0 Dunlop Aircraft Tyres Limited TYPHOON INTERNATIONAL Limited Added to Surrendered Authorisations Section

Amendment Date	Change(s)
August 2024	Added UK.TSOA.00060 Rev 0 Amsafe Bridport Limited
September 2024	Added UK.TSOA.00083 Rev 0 Penny & Giles Aerospace Limited
October 2024	Added UK.TSOA.00023 Rev 0 Survitec Group Limited Revision UK.TSOA.00046 Rev 1 Penny & Giles Aerospace Limited Revision UK.TSOA.00056 Rev 1 Penny & Giles Aerospace Limited
December 2024	Revision UK.TSOA.00024 Rev 2 Survitec Group Limited Added UK.TSOA.00016 Rev 0 Thales UK Limited
January 2025	Revision UK.TSOA.00014 Rev 01 Thompson Aero Seating Limited
February 2025	Revision UK.TSOA.00039 Rev 02 Mirus Aircraft Seating Limited
March 2025	Revision UK.TSOA.00018 Rev 3 Penny & Giles Aerospace Limited
May 2025	Revision UK.TSOA.00083 Rev 1 Penny & Giles Aerospace Limited Added UK.TSOA.00079 Rev 0 F.P.T. Industries Limited Added UK.TSOA.00080 Rev 0 F.P.T. Industries Limited GKN AEROSPACE SERVICES LIMITED T/A GKN AEROSPACE PORTSMOUTH added to Surrendered Authorisations Section Revision UK.TSOA.00021 Rev 1 Penny & Giles Aerospace Limited Revision UK.TSOA.00039 Rev 3 Mirus Aircraft Seating Limited
June 2025	Revision UK.TSOA.00047 Rev 5 Acro Aircraft Seating Limited
July 2025	Revision UK.TSOA.00056 Rev 2 Penny & Giles Aerospace Limited Added UK.TSOA. 00097 Rev 0 Dunlop Aircraft Tyres Limited Added UK.TSOA. 00099 Rev 0 Dunlop Aircraft Tyres Limited 2Excel Aviation Ltd added to Surrendered Authorisations Section

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CURRENT AUTHORISATIONS

ACRO AIRCRAFT SEATING LIMITED (UK.AP0237)

ACRO AIRCRAFT SEATING LIMITED (UK.AP0237)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00003 Revision 6	17 November 2023	Passenger Seat – Economy Series 6 “X”	()()()()-6A00-()-()()()	ETSO-C127b	ACR-924-DDP
			()()()()-6A01-()-()()()		
			()()()()-6A02-()-()()()		
			()()()()-6A03-()-()()()		
			()()()()-6A04-()-()()()		
			()()()()-6A05-()-()()()		
			()()()()-6A06-()-()()()		
			()()()()-6A07-()-()()()		
			()()()()-6A08-()-()()()		
			()()()()-6B00-()-()()()		
			()()()()-6B01-()-()()()		
			()()()()-6B02-()-()()()		
			()()()()-6B05-()-()()()		
			()()()()-6B06-()-()()()		
			()()()()-6B07-()-()()()		
			()()()()-6B08-()-()()()		
			()()()()-6C00-()-()()()		
			()()()()-6C01-()-()()()		
			()()()()-6C02-()-()()()		
			()()()()-6C05-()-()()()		
			()()()()-6C07-()-()()()		
			()()()()-6C08-()-()()()		
			()()()()-6E00-()-()()()		
			()()()()-6E01-()-()()()		
			()()()()-6E02-()-()()()		
			()()()()-6E05-()-()()()		
			()()()()-6F00-()-()()()		
			()()()()-6F01-()-()()()		
			()()()()-6F02-()-()()()		
			()()()()-6F05-()-()()()		
			()()()()-6F07-()-()()()		
			()()()()-6F08-()-()()()		
			()()()()-6F09-()-()()()		
			()()()()-6F10-()-()()()		

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ACRO AIRCRAFT SEATING LIMITED (UK.AP0237)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00037 Revision 0	29 April 2022	Passenger Seat – Economy Series 6	()()()()-6G00-()-()()()	ETSO-C127b	ACR-562-DDP
			()()()()-6G01-()-()()()		
			()()()()-6G05-()-()()()		
			()()()()-6G06-()-()()()		
			()()()()-6G07-()-()()()		
			()()()()-6G08-()-()()()		
			()()()()-6G09-()-()()()		
UK.TSOA.00047 Revision 5	27 June 2025	Passenger Seat - Economy Series 9	()()()()-0600-()-()()()	ETSO-C127b	ACR-1407-DDP
			()()()()-0601-()-()()()		
			()()()()-0602-()-()()()		
			()()()()-0603-()-()()()		
			()()()()-0604-()-()()()		
			()()()()-0605-()-()()()		
			()()()()-0606-()-()()()		
UK.TSOA.00047 Revision 5	27 June 2025	Passenger Seat - Economy Series 9	()()()()-9A00-()-()()() Amdt A	ETSO-C127b	ACR-1407-DDP
			()()()()-9A01-()-()()() Amdt A		
			()()()()-9A02-()-()()() Amdt A		
			()()()()-9A03-()-()()() Amdt A		
			()()()()-9A04-()-()()() Amdt A		
			()()()()-9A05-()-()()() Amdt A		
			()()()()-9A06-()-()()() Amdt A		
			()()()()-9A07-()-()()() Amdt A		
			()()()()-9A08-()-()()() Amdt A		
			()()()()-9A09-()-()()() Amdt A		
			()()()()-9A10-()-()()() Amdt A		
			()()()()-9B00-()-()()() Amdt A		
			()()()()-9B01-()-()()() Amdt A		
			()()()()-9B02-()-()()() Amdt A		
			()()()()-9B07-()-()()() Amdt A		

AMSAFE BRIDPORT LIMITED (UK.21J.0130)

AMSAFE BRIDPORT LIMITED (UK.21J.0130)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00059 Revision 0	11 July 2024	Fire Containment Cover (FCC)	AC80-03196(XX)	ETSO-C203 A1	DDP PD 624

Updated 11/08/2025.

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**AMSAFE BRIDPORT LIMITED (UK.21J.0130)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00060 Revision 0	07 August 2024	Freight Net for use with 238.5" x 96" (size 'G') pallet	MN55-04004(XX)	ETSO-C90d A1	DDP PD 625

DUNLOP AIRCRAFT TYRES LIMITED (UK.AP0007)**DUNLOP AIRCRAFT TYRES LIMITED (UK.AP0007)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00015 Revision 1	01 November 2022	Aircraft (Main Wheel) Tyre – H46x18.0-20	DR25624T F2D Re-tread	ETSO-C62e	ATDDP 559
UK.TSOA.00029 Revision 0	09 November 2021	Aircraft (Main Wheel) Tyre – H44.5x16.5-21	DR29630T – 30PR	ETSO-C62e	ATDDP 644
UK.TSOA.00051 Revision 0	27 January 2023	Aircraft Tyre - H44x17.5-19 20PR, Tubeless	DR34120T	ETSO-C62e	DDP 649
UK.TSOA.00057 Revision 0	22 June 2023	Aircraft Tyre - H44.5x16.5-20, 28PR, Tubeless	DR22823T F2C Retread	ETSO-C62e	DDP 478
UK.TSOA.00066 Revision 0	18 December 2023	Aircraft Tyre - 27x7.75R15, 12PR, Tubeless	DZ31820T	ETSO-C62e	DDP 643
UK.TSOA.00067 Revision 0	18 December 2023	Aircraft Tyre - H44.5x16.5-21, 28PR, Tubeless	DR29628T F1D Retread	ETSO-C62e	DDP 641
UK.TSOA.00081 Revision 0	19 June 2024	Aircraft Tyre -11x4.00-5, 14 PR, Tubeless	DR28530T-1	ETSO-C62e	DDP 652
UK.TSOA.00097 Revision 0	17 July 2025	Aircraft Tyre - 43x17.0-19 F2A Retread	DR33828T F2A Retread	ETSO-C62e	DDP 632
UK.TSOA.00099 Revision 0	17 July 2025	Aircraft Tyre - 49x19.5-22 F2A Retread	DR33730T F2A Retread	ETSO-C62e	DDP 631

FERGUSON'S ADVANCED COMPOSITE TECHNOLOGY LIMITED (UK.AP1002)**FERGUSON'S ADVANCED COMPOSITE TECHNOLOGY LIMITED (UK.AP1002)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00038 Revision 0	09 May 2023	Unit Load Device – PMC Cargo Pallet	21-008-ASS-(XX)-(YY)	ETSO-C90d A1	23-009-DDP-(01)

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F.P.T. INDUSTRIES LIMITED (UK.AP1006)

F.P.T. INDUSTRIES LIMITED (UK.AP1006)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00079 Revision 0	27 May 2025	Crash-Resistant Flexible Fuel Tank Material – FPT/CR1185	FPT/CR1185-()-()	ETSO-C80	TSO/DDP/3690
UK.TSOA.00080 Revision 0	27 May 2025	Crash-Resistant Flexible Fuel Tank Material – FPT/CR1321	FPT/CR1321-(1)-()	ETSO-C80	TSO/DDP/3971

GE AVIATION SYSTEMS LIMITED (UK.AP0166)

GE AVIATION SYSTEMS LIMITED (UK.AP0166)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00020 Revision 1	01 November 2022	GenISIS Multi-Function Standby Display	10540MFSD1-1 AMDT(XX)	ETSO-C106 A1	DDP-SC10478
			10540MFSD1-1-(XXX) AMDT(XX)	ETSO-C10b	
			10503MFSD1-1 AMDT(XX)	ETSO-C113	
				ETSO-C2d	
				ETSO-C3d	
				ETSO-C46a	
				ETSO-C4c	
				ETSO-C8e	
				ETSO-C95a	

INSTONE AIR SERVICES LIMITED (UK.AP0390)

INSTONE AIR SERVICES LIMITED (UK.AP0390)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00005 Revision 0	24 June 2022	Fully Collapsible Airstable // Fully Collapsible aircraft horse stall	300225-()	ETSO-C90d A1	INS-D-0030

IPECO HOLDINGS LIMITED (UK.AP0126)

IPECO HOLDINGS LIMITED (UK.AP0126)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference

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UK.TSOA.00019 Revision 1	01 November 2022	Manually Operated Rear Visual Operators (RVO) Seat	3A415-0067-(XXX)-1 3A415-0068-(XXX)-1	ETSO-C39c	DDP 227
UK.TSOA.00031 Revision 0	04 May 2022	Passenger Seat	3A566-0007-()-() 3A566-0008-()-() 3A566-0049-()-() 3A566-0050-()-()	ETSO-C127b	DDP 229
UK.TSOA.00042 Revision 1	01 November 2022	Single Passenger Seat – 419-0001	3A419-0007-(XXX)-(X)	ETSO-C39c	DDP 220
UK.TSOA.00044 Revision 0	13 October 2022	Double Passenger Seat – 419-0041	3A419-0047-(XXX)-(X)	ETSO-C39c	DDP 221
UK.TSOA.00072 Revision 0	11 June 2024	Observer Seat - 205-0051	3A205-0057-(XX)-(X)	ETSO-C39c	DDP 232

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MIRUS AIRCRAFT SEATING LIMITED (UK.AP0489)

MIRUS AIRCRAFT SEATING LIMITED (UK.AP0489)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00008 Revision 2	01 November 2022	Passenger Seat - Mirus Hawk Economy Class MH05	MH05-003-05AXM1	ETSO-C127b	1005-DDP-01
			MH05-004-05AXM1		
			MH05-001-05AXM1		
			MH05-002-05AXM1		
			MH05-001-03AXM1		
			MH05-002-03AXM1		
			MH05-005-03AXM1		
			MH05-006-03AXM1		
			MH05-069-05AXM1		
			MH05-070-05AXM1		
			MH05-071-05AXM1		
			MH05-072-05AXM1		
			MH05-061-03AXM1		
			MH05-062-03AXM1		
			MH05-109-03AXM1		
			MH05-110-03AXM1		
			MH05-067-03AXM1		
			MH05-068-03AXM1		
			MH05-065-06AXM1		
			MH05-066-06AXM1		
			MH05-059-06AXM1		
			MH05-060-06AXM1		
			MH05-055-03AXM1		
			MH05-056-03AXM1		
			MH05-077-03AXM1		
			MH05-078-03AXM1		
			MH05-063-03AXM1		
			MH05-122-05AXM1		

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UK.TSOA.00007 Revision 3	10 June 2022	Passenger Seat - Mirus Hawk Economy Class MH07	MH07-041-(XX)(YYY)(Z) MH07-042-(XX)(YYY)(Z) MH07-043-(XX)(YYY)(Z) MH07-044-(XX)(YYY)(Z) MH07-045-(XX)(YYY)(Z) MH07-046-(XX)(YYY)(Z) MH07-047-(XX)(YYY)(Z) MH07-048-(XX)(YYY)(Z) MH07-049-(XX)(YYY)(Z) MH07-050-(XX)(YYY)(Z) MH07-051-(XX)(YYY)(Z) MH07-052-(XX)(YYY)(Z) MH07-053-(XX)(YYY)(Z) MH07-054-(XX)(YYY)(Z) MH07-055-(XX)(YYY)(Z) MH07-056-(XX)(YYY)(Z) MH07-075-(XX)(YYY)(Z) MH07-076-(XX)(YYY)(Z) MH07-116-(XX)(YYY)(Z) MH07-145-(AA)(YYY)(Z) MH07-146-(AA)(YYY)(Z) MH07-133-(AA)(YYY)(Z) MH07-134-(AA)(YYY)(Z) MH07-143-(AA)(YYY)(Z) MH07-144-(AA)(YYY)(Z) MH07-125-(AA)(YYY)(Z) MH07-126-(AA)(YYY)(Z) MH07-127-(AA)(YYY)(Z) MH07-128-(AA)(YYY)(Z) MH07-131-(AA)(YYY)(Z) MH07-132-(AA)(YYY)(Z) MH07-129-(AA)(YYY)(Z) MH07-130-(AA)(YYY)(Z) MH07-135-(AA)(YYY)(Z) MH07-136-(AA)(YYY)(Z) MH07-141-(AA)(YYY)(Z) MH07-142-(AA)(YYY)(Z) (XX) = 01, 02, 03, 05, 10, 11, 13, 16, 17, 18, 19, 21, 26, 27, 29, 32 (AA) = 01, 02, 03, 05, 10, 11, 15, 16, 17, 18, 19, 21, 26, 27, 29, 32	ETSO-C127b	1007-DDP-01
UK.TSOA.00009 Revision 1	26 June 2023	Mirus Hawk Economy Seat MH00	MH00-001-XXYYYYZ	ETSO-C127b	1000-DDP-01

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Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
			MH00-002-XXYYYYZ		
			MH00-003-XXYYYYZ		
			MH00-004-XXYYYYZ		
			MH00-005-XXYYYYZ		
			MH00-006-XXYYYYZ		
			MH00-007-XXYYYYZ		
			MH00-008-XXYYYYZ		
			MH00-009-XXYYYYZ		
			MH00-010-XXYYYYZ		
			MH00-011-XXYYYYZ		
			MH00-012-XXYYYYZ		

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UK.TSOA.00039 Revision 3

27 May 2025

Mirus Hawk Economy Class MH08

MH08-001(-)(XXX)(YYY),
 MH08-002(-)(XXX)(YYY),
 MH08-005(-)(XXX)(YYY),
 MH08-006(-)(XXX)(YYY),
 MH08-007(-)(XXX)(YYY),
 MH08-008(-)(XXX)(YYY),
 MH08-012(-)(XXX)(YYY),
 MH08-015(-)(XXX)(YYY),
 MH08-016(-)(XXX)(YYY),
 MH08-017(-)(XXX)(YYY),
 MH08-018(-)(XXX)(YYY),
 MH08-019(-)(XXX)(YYY),
 MH08-020(-)(XXX)(YYY),
 MH08-021(-)(XXX)(YYY),
 MH08-022(-)(XXX)(YYY),
 MH08-023(-)(XXX)(YYY),
 MH08-024(-)(XXX)(YYY),
 MH08-025(-)(XXX)(YYY),
 MH08-026(-)(XXX)(YYY),
 MH08-027(-)(XXX)(YYY),
 MH08-028(-)(XXX)(YYY),
 MH08-029(-)(XXX)(YYY),
 MH08-030(-)(XXX)(YYY),
 MH08-035(-)(XXX)(YYY),
 MH08-036(-)(XXX)(YYY),
 MH08-039(-)(XXX)(YYY),
 MH08-040(-)(XXX)(YYY),
 MH08-041(-)(XXX)(YYY),
 MH08-042(-)(XXX)(YYY),
 MH08-045(-)(XXX)(YYY),
 MH08-046(-)(XXX)(YYY),
 MH08-049(-)(XXX)(YYY),
 MH08-050(-)(XXX)(YYY),
 MH08-201(-)(XXX)(YYY),
 MH08-202(-)(XXX)(YYY),
 MH08-203(-)(XXX)(YYY),
 MH08-204(-)(XXX)(YYY),
 MH08-205(-)(XXX)(YYY),
 MH08-206(-)(XXX)(YYY),
 MH08-207(-)(XXX)(YYY),
 MH08-208(-)(XXX)(YYY),
 MH08-209(-)(XXX)(YYY),

ETSO-C127b

1010-DDP-01

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MIRUS AIRCRAFT SEATING LIMITED (UK.AP0489)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
			MH08-210(-)(XXX)(YYY), MH08-211(-)(XXX)(YYY), MH08-212(-)(XXX)(YYY), MH08-219(-)(XXX)(YYY), MH08-220(-)(XXX)(YYY), MH08-221(-)(XXX)(YYY), MH08-222(-)(XXX)(YYY), MH08-225(-)(XXX)(YYY), MH08-226(-)(XXX)(YYY), MH08-401(-)(XXX)(YYY), MH08-402(-)(XXX)(YYY), MH08-403(-)(XXX)(YYY), MH08-404(-)(XXX)(YYY), MH08-405(-)(XXX)(YYY), MH08-406(-)(XXX)(YYY), MH08-407(-)(XXX)(YYY), MH08-408(-)(XXX)(YYY), MH08-409(-)(XXX)(YYY), MH08-410(-)(XXX)(YYY), MH08-411(-)(XXX)(YYY), MH08-412(-)(XXX)(YYY), MH08-414(-)(XXX)(YYY), MH08-415(-)(XXX)(YYY), MH08-418(-)(XXX)(YYY), MH08-419(-)(XXX)(YYY), MH08-420(-)(XXX)(YYY), MH08-421(-)(XXX)(YYY), MH08-423(-)(XXX)(YYY), MH08-424(-)(XXX)(YYY), MH08-426(-)(XXX)(YYY), MH08-427(-)(XXX)(YYY), MH08-428(-)(XXX)(YYY), MH08-429(-)(XXX)(YYY)		

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**MIRUS AIRCRAFT SEATING LIMITED (UK.AP0489)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00058 Revision 0	15 April 2024	Kestrel Economy Class Seats / MK00	MK00-001-(XXX)(YYY)	ETSO-C127b	1021-DDP-01
			MK00-002-(XXX)(YYY)		
			MK00-003-(XXX)(YYY)		
			MK00-004-(XXX)(YYY)		
			MK00-005-(XXX)(YYY)		
			MK00-006-(XXX)(YYY)		
			MK00-007-(XXX)(YYY)		
			MK00-008-(XXX)(YYY)		
			MK00-009-(XXX)(YYY)		
			MK00-010-(XXX)(YYY)		
			MK00-011-(XXX)(YYY)		
			MK00-012-(XXX)(YYY)		
			MK00-013-(XXX)(YYY)		
			MK00-014-(XXX)(YYY)		
			MK00-017-(XXX)(YYY)		
			MK00-020-(XXX)(YYY)		
			MK00-021-(XXX)(YYY)		
			MK00-023-(XXX)(YYY)		
			MK00-025-(XXX)(YYY)		
			MK00-027-(XXX)(YYY)		
			MK00-030-(XXX)(YYY)		
			MK00-034-(XXX)(YYY)		
			MK00-043-(XXX)(YYY)		
			MK00-044-(XXX)(YYY)		
			MK00-045-(XXX)(YYY)		

PENNY AND GILES AEROSPACE LIMITED (UK.AP0201)**PENNY AND GILES AEROSPACE LIMITED (UK.AP0201)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00018 Revision 3	11 March 2025	Honeywell Fortress FDR / D51728-1-0	D51728-1-0 Iss 1 Mod 01	ETSO-C124c	DDP3082
			D51728-1-0 Iss 1 Mod 02		
			D51728-1-1 Iss 1 Mod 01		
UK.TSOA.00021 Revision 1	28 May 2025	T6 Texan II Crash Survivable Recorder / D51730	D51730 Iss 1 Mod 01	ETSO-2C123c ETSO 2C124c	DDP3083

Updated 11/08/2025.

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**PENNY AND GILES AEROSPACE LIMITED (UK.AP0201)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00046 Revision 1	22 October 2024	Fortress Recorder, optional Cockpit Area Microphone, and optional Cockpit Camera Area / Fortress Recorder D51701, optional Cockpit Area Microphone D51702 and optional Cockpit Camera Area D51687	D51701-001 Iss 1 Mod 02	ETSO-C123c	DDP3079
			D51701-002 Iss 1 Mod 03	ETSO-C124c	
			D51701-003 Iss 1 Mod 02	ETSO-C176a	
			D51701-004 Iss 1 Mod 02	ETSO-C177a	
			D51701-005 Iss 1 Mod 02		
			D51701-005-02 Iss 1		
			D51701-006 Iss 1 Mod 02		
			D51701-007 Iss 1 Mod 02		
			D51701-008 Iss 1 Mod 02		
			D51701-009 Iss 1		
			D51702-00 Iss 1		
			D51702-01 Iss 1		
			D51702-02 Iss 1		
			D51702-03 Iss 1		
			D51702-04 Iss 1		
			D51702-05 Iss 1		
			D51702-06 Iss 1		
			D51687 Iss 1		
			D51687-01 Iss 1		
			D51687-02 Iss 1		
UK.TSOA.00056 Revision 2	11 July 2025	Cockpit Voice Recorder / D51728-0 (D51728-0-0 = Honeywell Fortress, D51728-0-1 = Curtiss Wright)	D51728-0-0 Iss 1 Mod 01	ETSO-C123c	DDP3081
			D51728-0-0 Iss 1 Mod 02	ETSO-C177a	
			D51728-0-1 Iss 1		
UK.TSOA.00083 Revision 1	15 May 2025	Dual Input Data Acquisition Flight Recorder (DIDAFR) with 90-day acoustic underwater locator beacon and optional Cockpit Area Microphone (CAM) DIDAFR: D51615-203, Optional CAM: D51702	D51615-203-006-090 Iss 2	ETSO-C123b	DDP3077
			D51615-203-007-090 Iss 1	ETSO-C124b	
			D51615-203-009-090 Iss 2		
			D51615-203-012-090 Iss 2		
			D51615-203-012-090 Iss 3		
			D51615-203-012-090 Iss 4		
			D51615-203-014-090 Iss 2		
			D51615-203-041-090 Iss 1		
			D51702-00 Iss 1		
			D51702-01 Iss 1		
			D51702-02 Iss 1		
			D51702-03 Iss 1		
			D51702-04 Iss 1		

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**PENNY AND GILES AEROSPACE LIMITED (UK.AP0201)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
			D51702-05 Iss 1		
			D51702-06 Iss 1		

SURVITEC GROUP LIMITED (UK.AP0267)**SURVITEC GROUP LIMITED (UK.AP0267)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00022 Revision 1	01 November 2022	Halo Helicopter Flight Jacket	00031(XXX)	ETSO-2C504 ETSO-C13f	DDP-169
UK.TSOA.00023 Revision 0	15 January 2024	Inflatable Life Raft Aerolite 20	52879(XXX), in packed assembly 00019(XXX)	ETSO-C70b	DDP No.168
UK.TSOA.00024 Revision 2	05 December 2024	Life Raft – F7R Heliraft	42570(XXX); 45456(XXX) with packaging assembly PN 000098(XXX) and 00051(XXX)	ETSO-2C505, ETSO-2C70b	DDP 163

SURVIVAL-ONE LIMITED (UK.AP0297)**SURVIVAL-ONE LIMITED (UK.AP0297)**

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00004 Revision 1	01 November 2022	Helicopter Occupant Immersion Suit / 1000 Series	100(X) (XX) (XXX) (X)	ETSO-2C503	DDP-1000

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TECHTEST LIMITED (UK.AP0350)

TECHTEST LIMITED (UK.AP0350)						
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference	
UK.TSOA.00035 Revision 1	22 October 2021	Personal Locator Beacon – 500-32-2Y-G 500-32-2Y-H	500-32-2Y-G	ETSO-C126b	500-32-2Y-G	
			500-32-2Y-GA	ETSO-C142b	500-32-2Y-H	
			500-32-2Y-GF			
			500-32-2Y-GFA			
			500-32-2Y-H			
			500-32-2Y-HA			
			500-32-2Y-HF			
			500-32-2Y-HFA			
			A02787			
			A02788-CP			
			A02788-CP-E			
UK.TSOA.00048 Revision 1	21 March 2024	Personal Locator Beacon – 500-32-2Y-G 500-32-2Y-H	500-32-2Y-G	ETSO-C126c	500-32-2Y-G	
			500-32-2Y-GA	ETSO-C142b	500-32-2Y-H	
			500-32-2Y-GF			
			500-32-2Y-GFA			
			500-32-2Y-H			
			500-32-2Y-HA			
			500-32-2Y-HF			
			500-32-2Y-HFA			
			A02787			
			A02788-CP			
			A02788-CP-E			

THALES UK LIMITED (UK.AP0438)

THALES UK LIMITED (UK.AP0438)						
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference	
UK.TSOA.00016 Revision 0	17 November 2024	Aviation Complementary Ground Component (ACGC) Terminal System	Baseband Modern Unit (BMU) p/n 63253213(--)(--)(--) Remote Radio Head (RRH) p/n 63253212 (--)(--)(--)	ETSO-2C514a	DDP-63253210BA-03-600	

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System Configuration
Module (SCM) p/n
63253221 (--)(--)(--)

THOMPSON AERO SEATING LIMITED (UK.AP0305)

THOMPSON AERO SEATING LIMITED (UK.AP0305)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	UK ETSO Standard(s)	DDP Reference
UK.TSOA.00013 Revision 0	24 November 2021	Business Class Seat Voyager VT51	VT51-00-001-(XX) VT51-00-401-(XX) VT51-00-102-(XX) VT51-00-104-(XX) VT51-00-202-(XX) VT51-00-204-(XX) VT51-00-302-(XX)	ETSO-C127b	DDP-VT51
UK.TSOA.00012 Revision 1	01 November 2022	Business Class Seat Vantage XL VT44	VT44-00-(XX)1-(XX) VT44-00-(XX)4-(XX)	ETSO-C127b	DDP-VT44
UK.TSOA.00014 Revision 1	15 January 2025	Business Class Seat Voyager VT52	VT52-00-(XX)1-(XX) VT52-00-(XX)2-(XX) VT52-00-(XX)3-(XX)	ETSO-C127b	DDP-VT52
UK.TSOA.00011 Revision 0	05 August 2022	Business Class Seat Vantage VT20	VT20-00-(XX)1-(XX) VT20-00-(XX)4-(XX)	ETSO-C127b	DDP-VT20

REGISTER OF UK TECHNICAL STANDARD ORDER AUTHORISATIONS

SURRENDERED AUTHORISATIONS

2EXCEL DESIGN LIMITED T/A LEADING EDGE (UK.AP0372)

2EXCEL DESIGN LIMITED T/A LEADING EDGE (UK.AP0372)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	Surrendered On	Continued Airworthiness Responsibility
UK Authorisation reference EASA.21O.10048348	05 March 2014	F20/23XLM Extra Low Maintenance Ni-Cd Battery	4575126-()	28 June 2025	Hawker GmbH (for all Part Numbers listed)

GKN AEROSPACE SERVICES LIMITED T/A GKN AEROSPACE PORTSMOUTH (UK.AP0361)

GKN AEROSPACE SERVICES LIMITED T/A GKN AEROSPACE PORTSMOUTH (UK.AP0361)

Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	Surrendered On	Continued Airworthiness Responsibility
UK Authorisation reference EASA.21O.10036640	26 September 2011	Crash-Resistant Flexible Fuel Tank Material – FPT/CR1185	FPT-CR1185-()-()	27 May 2025	F.P.T. Industries Limited (for all Part Numbers listed)
UK Authorisation reference EASA.21O.10046338 rev A	08 November 2016	Crash-Resistant Flexible Fuel Tank Material – FPT/CR1321	FPT-CR1321-(1)-()	27 May 2025	F.P.T. Industries Limited (for all Part Numbers listed)

REGISTER OF UK TECHNICAL STANDARD ORDER AUTHORISATIONS**GVH AEROSPACE LIMITED (NO CURRENT UK APDOA)**

GVH AEROSPACE LIMITED (NO CURRENT UK APDOA)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	Surrendered On	Continued Airworthiness Responsibility
UK Authorisation reference EASA 21O.10064165 rev B	17 April 2018	Mirus Hawk Economy Seat MH00	MH00-001-XXYYYYZ MH00-002-XXYYYYZ MH00-003-XXYYYYZ MH00-004-XXYYYYZ MH00-005-XXYYYYZ MH00-006-XXYYYYZ MH00-007-XXYYYYZ MH00-008-XXYYYYZ MH00-009-XXYYYYZ MH00-010-XXYYYYZ MH00-011-XXYYYYZ MH00-012-XXYYYYZ	26 June 2023	Mirus Seating Limited (For all Part Numbers listed)

TYPHOON INTERNATIONAL LIMITED (NO CURRENT UK APDOA)

TYPHOON INTERNATIONAL LIMITED (NO CURRENT UK APDOA)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	Surrendered On	Continued Airworthiness Responsibility
UK Authorisation reference EASA.21O.10039825	29 May 2012	Immersion Suit model OWP and TOFS	130500-(XX)	19 June 2024	UK CAA (For all Part Numbers listed)
UK Authorisation reference EASA.21O.10046494, REV. A	11 February 2016	LIFEJACKET // Typhoon Flight Constant wear 275N lifejacket	400500(XX)	19 June 2024	UK CAA (For all Part Numbers listed)
UK Authorisation reference EASA.21O.10055256, REV. A	28 September 2016	Immersion Suit // Helicopter Transit immersion suit	130501	19 June 2024	UK CAA (For all Part Numbers listed)
E15719	17 June 1998	Lifejackets (Including Lifebelts)	301004	19 June 2024	UK CAA (For all Part Numbers listed)
E15685	10 November 1997	Immersion Suits	1346	19 June 2024	UK CAA (For all Part Numbers listed)

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TYPHOON INTERNATIONAL LIMITED (NO CURRENT UK APDOA)					
Approval Number	Date of last issue	Article Description – Article Type/Model	Part Number(s)	Surrendered On	Continued Airworthiness Responsibility
E15568	01 August 1996	Immersion Suits	1350	19 June 2024	UK CAA (For all Part Numbers listed)
			1351		
			1352		
			1333		
			1334		
			1335		