

International Customer Approvals

This document reflects the approvals our products conform to, for which we have been made aware of. This is not a definitive list and we welcome you to contact us for further details of the specifications you are looking for.

- AS9100 (Rev D) NQA Cert 50981
- BS EN ISO 9001-2015 NQA Cert 50981
- BS EN ISO 14001-2015 ISOQAR 8145
- Cage Code K3504 (UK) – Indestructible Paint Ltd
- Cage Code 00B6 (USA) – Indestructible Inc.

Manufacturing & MRO's

A list of some of the companies we have dealt with historically and currently, some of whom we have gained approvals from.

- Airbus UK Ltd / Airbus SAS: 204492
- Airbus Helicopters Deutschland
- Airbus Helicopters Marignane
- Airfoil Services OSL-006/06
- Allison (RR INC) PMI 200
- British Aerospace PLC, Aircraft Group (BAE/AG/30539/2004)
- British Aerospace PLC, Civil Aircraft, Air Weapons & Airbus Divisions (BAE/2256, BAE/CHE/2006)
- BAE Evaluated Supplier ACO/1/LT/JJH/3244
- Agusta-Westland Aerospace UK: V02007 (040/92/S)
- Agusta-Westland Spa
- Allied Signal
- Avions Marcel Dassault
- Boeing – McDonnell Douglas Helicopters
- Bombardier – Supplier Ref: 0000109995
- BMW – Rolls Royce
- Dassault Belgique
- Dowty Group – Rotol & Electrics Division: SA149
- Dowty Aerospace Propellers: SA 507, SA 509
- Fiat Aviazione Spa
- Flight Refuelling FR Aviation (P) Inde01 (C)
- GAMCO
- GE (General Electric) Aero Engines
- GE (Aviation) GSL Number D74950
- General Dynamics, Santa Barbara: 15291
- GKN Aerospace Transparency Systems
- GKN Aerospace Sweden AB (Volvo)
- HAESL, Hong Kong
- Hamilton Sunstrand USA
- H.S Marston Ltd: AS291
- Hindustan Aeronautics
- Hispano-Suiza
- Honeywell – Normalair Garrett Ltd
- Honeywell, Phoenix Arizona PCS 5022
- Hychrome (Europe) Ltd
- ITP, Spain E-200060-SA
- IHI, Japan
- Kawasaki Heavy Industries, Japan
- Lucas Western
- Marconi Communications
- Meggitt (Dunlop) Ltd – Aviation & Precision Rubbers Divisions
- Meggitt Aerospace Braking Systems, Coventry
- Meggitt Thermal Systems
- M.T.U Aeroengines
- Pratt & Whitney Canada
- Pratt & Whitney USA
- Pratt & Whitney Singapore: F038
- Raytheon Civil Aircraft PTE Ltd
- Rolls Royce Control Systems
- Rolls Royce PLC: RR9000, SABRe Manufacturing Approval Number 0292, covers:
 - Derby, Ansty, Barnoldswick, Bristol, East Kilbride, Inchinnon, Hucknall, Leavesden, Mount Sorrel, Sunderland & Canada
- Safran Aircraft Engines
- Safran Helicopter Engines
- Safran Landing Systems
- Safran Nacelles: I016Q
- SAESL Singapore
- SIA Engineering Company
- Siemens (Power Generation)
- Sikorsky Helicopters
- Singapore Aerospace Engines PTE Ltd
- Textron Aerostructures
- Turbomeca
- Turbine Efficiency (Power Generation)
- UTC (Goodrich)

Airlines

- American Airlines
- British Airways
- Delta Airlines
- Cathay Pacific
- Emirates
- Etihad Airlines
- Iberian Airlines
- Japan Airlines
- Jet2 Limited
- Kuwait Airways
- Lufthansa
- Pakistan International Airlines
- Qantas Airlines
- Saudi Arabian Airlines
- Southwest Airlines
- Singapore Airlines
- TUI Airways
- United Airlines
- US Airways
- Virgin Atlantic Airways

AFS Specifications

- AFS 53 (MSRR 9012)
- AFS 525 (MSRR 9026)
- AFS 609 (690-155-010)
- AFS 641C
- AFS 689D
- AFS 712 (MSRR 9026)
- AFS 750 (MSRR 9072)
- AFS 1566 (PL163)
- AFS 1814

We also make alternatives for:

- AFS 1311A (IP9188-R1 & PL205)
- AFS 873 (PL95)
- AFS 1567 (IP9138-R1 & PL82)
- AFS 897 (MSRR 9037)
- AFS 977B (IP9139 & PL101)
- AFS 473 (IP9136-R1 & PL239)
- AFS 1594 & DTD 875A (IP9140, IP9149, IP9155 & VX1290)

Military & Government

- British Aerospace Military Division, Warton / Samlesbury (BAE/AG/20034 & 3009 War Parts 2 & 3)
- Ministry of Defence: 11A103
- R.N.Z.A.F
- Safran Group
- The Government of India
- The Royal Air Force
- The Royal Navy
- V.S.E.L

AMS (SAE)

- 072SAE AMS-M-3171

Airbus

- ABP 4 - 2131
- ABS 5941A AIMS 04-32-004 IPS 04-32-004-01

Alison Aero Engines

- EMS 26710
- PM1, 1400, 1401, 1402, 1403, 1404, 1405, 1406

BSX Specifications

- BS3X27
- BSX37:2004
- BSX38:2005
- BSX33
- BS2X34
- BSX42 (Draft)

British Aerospace / BAE Systems

- S26-3506
- BAEP 3507 (615-155-001)
- BAE Missiles – RD 1177
- BAE Systems AVP 3-013
- BAE Systems ABU Register: ACO/I/LT/JJH/3244

Defence Standards

- Def Stan 80-9
- Def Stan 80-15/2
- Def Stan 80-24/2 (QX)
- Def Stan 80-25
- Def Stan 80-27
- Def Stan 80-31
- Def Stan 80-35
- Def Stan 80-38/2
- Def Stan 80-39
- Def Stan 80-44
- Def Stan 80-50
- Def Stan 80-54
- Def Stan 80-55
- Def Stan 80-56
- Def Stan 80-59
- Def Stan 80-63
- Def Stan 80-65
- Def Stan 80-67
- Def Stan 80-68
- Def Stan 80-72
- Def Stan 80-73
- Def Stan 80-80
- Def Stan 80-88/1
- Def Stan 80-89/1
- Def Stan 80-92 (CS2465)
- Def Stan 80-99/1
- Def Stan 80-109
- Def Stan 80-114
- Def Stan 80-123
- Def Stan 80-126
- Def Stan 80-129
- Def Stan 80-138
- Def Stan 80-152
- Def Stan 80-161
- Def Stan 80-171
- Def Stan 80-175 (TS20162)
- Def Stan 80-207
- Def Stan 80-214
- Def Stan 80-216
- Def Stan 80-217
- DEF 900-4045
- Def Stan 80-225 latest

DTD Standards

- DTD 56D
- DTD 840
- DTD 96A
- DTD 5555
- DTD 5562
- DTD 5580 (Replaced by BSX34)
- DTD 900/47 (Z2659)
- DTD 900/473 (690-155-010)
- DTD 900/497 (9072)
- DTD 900/4492 (750-450-004)

Airbus Helicopters

- ECS2178
- ECS2264
- ECS 7029

Dowty GE Aerospace Propellers VID 1112

- PS 5632
- PS 5006
- PS 5618

General Electric (GE)

- A8B84A1
- A8B85A
- A8B89A1
- A50TF001
- A50TF196
- 0726-108

GKN Aerospace Sweden AB (Volvo)

- 10182525 (IP714A/B)

Hamilton Sunstrand

- HS 4675 (961-450-002 & 665-550-025)

Honeywell (Phoenix, Arizona)

- PCS 5022
- EMS 52438

Honeywell (UK)

- P6430
- NGPS 134 & NGPS 69

ITP (Spain)

- | | | |
|-----------|-----------|-----------|
| • SMM 903 | • SMM 914 | • SMM 915 |
| • SMM 919 | • SMM 916 | • SMM 929 |
| • SMM 937 | • SMM 938 | • SMM 941 |

Kawasaki Heavy Industries (Jet Engines)

- JMSRR 9274 & JMSRR 9276
- KHI PCS 5411Type I to IP9156-R1
- KHI PCS 5411Type II to IP9159 Grey
- KHI PCS 5411Type III to 576-450-002R1

Leonardo Helicopters

- WHPS (IP9189A/B & IP9138 for Repair)

McDonnell Douglas Helicopters

- HP – 4 - 133

MTU Engines

- | | | |
|--------------------------------------|------------------------------------|--------------------|
| • MTS 1010 – IP9140 & IP9149 | • MTS 1040 - | • MTS 1304 – NML46 |
| • MTS 1011 – IP9165-R1 | • MTS 1173 – IP9136-R1 | • MTS 1305 – NML52 |
| • MTS 1012 – IP9166 | • MTS 1254 – IP9138-R1 | • MTS 1521 – PL163 |
| • MTS 1013 – PL237-R1 | • MTS 1255 – IP9029-R2 & IP9029-R3 | • MTS 1534 - |
| • MTS 1026A – IP9169, IP9170, IP9173 | • MTS 1700 - PL368 (red) | |

Meggitt Aircraft Braking Systems

- PRO 599

Parker Hannifin (Nicholls Aircraft Division)

- MCS – 145 (For G4461 Model)

NSN NATO Stock Numbers

- NSN 8010-99-217-5181

OMAT

Listed as OMAT Supplier UK 261 & US NA2

We have many OMAT approvals. Please request an additional document for full list.

Pratt & Whitney (Canada)

Cage Number: K3504

- | | |
|------------------|---|
| • CPMC 79964 | • CPW 489-2 |
| • CPW 27 | • CPW 88 |
| • LCPMC 71489 | • PWC 09-017 |
| • CPMC 79965 | • PWC 09-016 |
| • CPW 563 (J900) | <i>Alternative to CPW 268, 269, 619 = CPW 714 & 715</i> |

Pratt & Whitney (USA)

- PWA 578F (IP9029-R2 – PWA 36568 & 36569 for production)
- PWA 36568
- PWA36569

Rolls Royce Specifications

Listed as Rolls Royce CSS 151, 123

- | | | |
|-------------|----------------|-------------|
| • MSRR 1006 | • MSRR 9880/13 | • MSRR 1005 |
| • MSRR 9054 | • MSRR 9176 | • MSRR 9253 |
| • MSRR 1009 | • MSRR 1043 | • MSRR 1055 |
| • MSRR 9310 | • MSRR 1028 | • MSRR 1061 |
| • MSRR 9042 | • MSRR 9444 | • MSRR 1041 |
| • MSRR 9064 | • MSRR 9180 | • MSRR 9259 |
| • MSRR 9012 | • MSRR 9072 | • MSRR 9181 |
| • MSRR 9274 | • MSRR 9015 | • MSRR 9134 |
| • MSRR 9186 | • MSRR 9276 | • MSRR 9018 |
| • MSRR 9135 | • MSRR 9187 | • MSRR 9285 |

- MSRR 9029
- MSRR 9298
- MSRR 9200
- MSRR 9142
- MSRR 9040
- MSRR 9316
- MSRR 9356
- MSRR 3010
- MSRR3017
- MSRR 9140
- MSRR 9032
- MSRR 9306
- MSRR 9217
- MSRR 9169
- MSRR 9041
- MSRR 9051
- MSRR 9394
- MSRR1141
- MSRR 9188
- MSRR 9141
- MSRR 9037
- MSRR 9307
- MSRR 9226
- MSRR 9228
- MSRR 9026
- MSRR 3016
- RRMS 40030

We have many MSRR approvals. Please request an additional document for full list.

Roxel (BAE Rocket Motors)

- RD 1177 Blue 203 119 PS/1/E000 Issue 2_(Was Def Stan 80-109)

Sikorsky

- SS 8688 (IP 2539)

Safran Helicopter Engines

- LB 541
- LB 547
- LB 568
- LB 569
- LB 598
- LB 714

Approved to many more Safran Specifications. Please enquire.

Safran Landing Systems

- MDLPS 639
- MDLPS 637
- PCS2550
- IFC30-115-01 MD Issue: 2
- DB/CE 2006-059
- PS 637
- PS 639

Safran Aircraft Engines

- P1064 (IP9136-R1)
- DMR 74-052 (IP9183-R1)
- DMP 16-049 (Application of IPcote)

Safran Seats UK

- EMS11-30

Siemens (Power Generation)

- 552208

Textron Lycoming

- P6430
- P6432
- P6445
- P26445
- P16445
- P1P6426
- P3P6426
- P4P6431
- P4P6426
- P5P6404
- P6P6429
- P4M-4735
- SP519
- M4735

UTC (Goodrich Engine Controls)

- LA-P-164
- WP 1046
- 914-034-043

**International Aero Engines (IAE) – CoMat Supplier Code K3504 (UK) & IAE 200 (USA)
(Pratt & Whitney, USA, MTU, FIAT, Japanese Aero Engine Corporation) V 2500 Engine**

IAE CoMat Numbers:

- 01-031
- 01-126
- 04-004
- 06-021
- 07-043
- 07-088
- 08-001
- 01-060
- 01-128
- 04-005
- 07-014
- 07-004
- 07-090
- 08-004
- 01-076
- 01-210
- 04-006
- 07-026
- 07-049
- 07-091
- 08-005
- 01-085
- 02-125
- 04-011
- 07-037
- 07-086
- 07-107
- 10-072
- 01-115
- 04-002
- 04-014
- 07-038
- 07-087
- 07-108

Rail Industry

EN 45545-2 (ISO 5658-2:2006 + A1:2011, ISO 5660-1:2015 + A1:2019, ISO 5659-2:2012)