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# Spirit AeroSystems (Europe) Limited Certificate of Approval

CAV Aerospace Ltd  
Medomsley Road  
Consett  
County Durham  
DH8 6SR

**APPROVAL NUMBER SPIRIT/ 0992**

Is hereby granted this Certificate of Approval which signifies that the Quality Management System meets the requirements of: -

AERO-ALL-QU-SC-ALL-125  
Quality Requirements for Suppliers

See corresponding Letter for the  
Scope of Approval and associated conditions.



Quality Assurance Authorisation:-

Date Issued: 21-Aug-2009

For and on Behalf of Spirit AeroSystems (Europe) Limited

Reference number: JC/0992/Aug/2009



Head Office    Prestwick International Airport    Ayrshire    KA9 2RW    Scotland    UK  
Tel: +44 (0)1292 479888    Fax: +44 (0)1292 672229

JC/0992/Aug/2009

21-Aug-2009

CAV Aerospace Ltd  
Medomsley Road  
Consett  
County Durham  
DH8 6SR

For the attention of the General Manager

Dear Sir / Madam

### **Approval by Spirit AeroSystems (Europe) Limited**

Further to an evaluation conducted by Spirit, we have the pleasure in informing you that your company has been approved. Please find enclosed Letter of Authority.

Please note that your Spirit approval number is: **SPIRIT / 0992**

This approval covers work in furtherance of Spirit AeroSystems orders / contracts only.

Should you have any queries regarding the above please do not hesitate to contact me.

Yours faithfully  
For and on behalf of  
Spirit AeroSystems (Europe) Limited

A handwritten signature in black ink, appearing to read "Jack Craig".

Jack Craig  
Senior Business Assurance Engineer

Tele            +44 (0) 1292 672883  
Fax            +44 (0) 870868374  
Mobile        +44 (0) 7736 810628  
e-mail        jack.craig@spiritaero.com



JC/0992/Aug/2009

21-Aug-2009

CAV Aerospace Ltd  
Medomsley Road  
Consett  
County Durham  
DH8 6SR

For the attention of the General Manager

Dear Sir / Madam

### **Approval by Spirit AeroSystems (Europe) Limited**

We have the pleasure in informing you that Spirit AeroSystems (Europe) Limited has granted your company a Spirit approval at:-

CAV Aerospace Ltd  
Medomsley Road  
Consett  
County Durham  
DH8 6SR

The Spirit approval number allocated to your company is

***SPIRIT / 0992*** This approval should be quoted on all relevant documents.

1    This approval covers the following scope of work:-

Build to Print

Specifically for Spirit AeroSystems (Europe) Limited

All assemblies to be released in accordance with your EASA part 21G 2233.

1 - MACHINING

1a - General Machining (Metallic) (Conventional)

1k - NC Machining

1l - CNC Machining

2 - NON-MACHINING PARTS

2a - Detail Parts - Metallic Involving Heat Treatment

2b - Detail Parts - Metallic Not Involving Heat Treatment



- 2i - Roll Forming of Aircraft Skins
- 2o - Hand Forming of Stringers
- 2q - Hydraulic Stretch Forming
- 2r - Hydraulic Press Forming
- 2s - Mechanical Press Forming

### 3 - NON-DESTRUCTIVE TESTING

- 3a - Anodic
- 3b - Dye Penetrant
- 3c - Fluorescent Penetrant
- 3d - Hardness
- 3j - Conductivity Testing

### 4 - PROTECTIVE TREATMENT

- 4a - Chromic Anodising
- 4r - Chromate Conversion (Alocrom)
- 4t - Paint Spraying and Stoving
- 4x - Zinc Straying

### 5 - HEAT TREATMENT

- 5a - Annealing (Aluminium Alloys)
- 5b - Solution Treatment (Aluminium Alloys)
- 5c - Precipitation (Aluminium Alloys)
- 5d - Pre-aging (Aluminium Alloys)
- 5u - Stress Relieving (Titanium and Titanium Alloys)
- 5v - Super Annealing Aluminium Alloys)

### 6 - WELDING, BRAZING & SOLDERING

- 6c - Fusion Welding Aluminium Alloy
- 6f - Fusion Welding Corrosion and Heat Resisting Steels
- 6j - Fusion Welding Titanium Alloys
- 6n - Resistance Welding Spot

### 7 – BONDING

- 7f - Non-Structural Adhesive Bonding

### 8 - TESTING

- 8s - Mechanical Testing of Metallic Materials
- 8t - Testing of Non-Metallic Materials as specified
- 8u - Co-ordinate Measuring Machine Inspection and/or Programming
- 8v - Metallurgical and Chemical Testing



## 9 - ASSEMBLY

- 9a - Major Structural Assemblies
- 9b - Minor Structural Assemblies
- 9c - Major Mechanical Assemblies
- 9d - Minor Mechanical Assemblies

## 12 - MISCELLANEOUS PROCESS

- 12i - Vapour Blasting
- 12u - Dry Grit Blasting

## 17 - MATERIAL CONTROL

- 17a - Procurement of Approved Castings and Forgings
- 17c - Procurement of Raw Materials (Metallic) (including extrusions)
- 17e - Procurement of Standard Parts (Fasteners)
- 17f - Control of JIT Kits

## 18 - ADDITIONAL SUPPLIER CONTROLS

- 18e - Interchangeability Checks (Tooling)
- 18f - Final Inspection & Release

## 19 - MISCELLANEOUS MANUFACTURE, PROCESSES, WELDING, BRAZING AND SOLDERING

- 19d - Shot-Peening - Saturation

- 2 This approval is dependant on your continued compliance with Spirits', Customer and other supplementary instructions issued by Spirit.
- 3 Release certificates shall be signed only by those signatories nominated in the List of Approved Signatories.
- 4 Should you at any time be requested to undertake work for Spirit, which is outside the scope of approval, you are required to notify your Spirit Supply Chain Quality Representative.
- 5 This approval may be withdrawn at any time at the discretion of Spirit.



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- 6 Any changes or alterations under the terms of your Spirit approval e.g. changes to your quality system, senior personnel, site location and any other approvals held must be notified immediately to Spirit.
  
- 7 Please acknowledge receipt of this letter to the undersigned confirming that you accept the conditions of this approval and that a copy of this has been communicated to/made available to your Quality Authority.

Yours faithfully  
For and on behalf of  
Spirit AeroSystems (Europe) Limited

A handwritten signature in black ink, appearing to read "Jack Craig".

Jack Craig  
Senior Business Assurance Engineer

|        |                           |
|--------|---------------------------|
| Tele   | +44 (0) 1292 672883       |
| Fax    | +44 (0) 870868374         |
| Mobile | +44 (0) 7736 810628       |
| e-mail | jack.craig@spiritaero.com |



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## ACKNOWLEDGEMENT OF RECEIPT

Please sign and fax/e-mail to person named below immediately upon receipt.

We are in receipt of your Letter of Approval reference JC/0992/Aug/2009

We accept the conditions of the approval and copy of the letter has been communicated to/made available to our Quality Authority.

Signed.....

Please print name

Position.....

From

CAV Aerospace Ltd  
 Medomsley Road  
 Consett  
 County Durham  
 DH8 6SR

Jack Craig  
 Senior Business Assurance Engineer

|        |                           |
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