

**BOEING PROPRIETARY ( 波音專有 )**

COMPANY NAME 公司名稱	81205	ENTERPRISE NUMBER 企業編號	49522780-1	ENTERPRISE TYPE 企業類型	PARTS LIST 零件清單	
CAGE Code CAGE 代碼	81205	NUMBER 編號	49522780-1	VERS 版本	--A	SHEET 頁次
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SUPPLIER CODE 供應商代碼		PART TYPE 零件類型	Detail 細部	PART CLASS 零件分類	Engineering 工程	
PROGRAM CODE 專案代碼	787	DATE (GMT) 日期	05-28-2012			
LIST TITLE 清單標題	FITTING - HOLD OPEN ROD, GSE DOOR 配件 - 固定開啟桿, GSE 門			ATN		
AUTHORITY SYSTEM 權限系統	ENOVIA	MI NUMBER MI 編號	C9200-002-N0			
EXPORT SENSITIVITY 出口敏感度	9E991	STATE 狀態	Approved 已核准	OWNER 擁有者	4952-0100	PIN

**REVISIONS 修訂紀錄**

VERSIONS 版本	VERSION DESCRIPTION 版本說明	APPROVED DATE (GMT) 核准日期	CHANGE NUMBER 變更編號	PHASE 階段
--A	DQST Enterprise Number Correction DQST 企業編號修正	4/12/2008 9:43:41 AM		Production 生產

**PART SPECIFIC DATA 零件專屬資料**

NOTE TITLE 備註標題 [?] [?] NOTE DESCRIPTION 備註說明

**RAW MATERIAL 原材料**

RAW MATERIAL PART NUMBER: MN320H238

原材料料號: MN320H238

RAW MATERIAL DESCRIPTION: 7050 - T7451 ALUMINUM ALLOY PLATE PER AMS 4050.

ULTRASONIC INSPECT PER BAC 5439, CLASS A

原材料說明: 7050 - T7451 鋁合金板材, 依 AMS 4050。依 BAC 5439 A 類超音波檢驗。

ENG. STOCK SIZE: ST=1.5, LT=2.40, L=2.36

工程料件尺寸: ST=1.5, LT=2.40, L=2.36

**PART NOTES 零件備註**

**PART NOTE ID NUMBER OR CODE:** 5SN0000001074

零件備註識別編號: 5SN0000001074

PROCESS DESCRIPTION OR ENG NOTE TEXT:

NONCONVENTIONAL MACHINING TECHNIQUES NOT SPECIFICALLY ALLOWED ARE PROHIBITED.

製程說明: 未經明確允許之非傳統加工技術一律禁止。

IPSM HYPERLINK: URL

IPSM 超連結: URL

**PART NOTES 零件備註**

**PART NOTE ID NUMBER OR CODE:** 5PR0000001115

PROCESS DESCRIPTION OR ENG NOTE TEXT:

MARK PARTS PER BAC 5307, CODE M.

製程說明: 依 BAC 5307、代碼 M 標記零件。

IPSM HYPERLINK: <http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5307>

IPSM 超連結

**PART NOTES 零件備註**

**PART NOTE ID NUMBER OR CODE:** 5SN0000001644

PROCESS DESCRIPTION OR ENG NOTE TEXT:

ALL MACHINED CONNECTING CURVED SURFACES OR CURVED AND PLANE SURFACES SHOWN AS TANGENT MUST BE BLENDED SMOOTHLY AND MISMATCH NOT TO EXCEED .010 EXCEPT AS NOTED.

製程說明: 所有加工之銜接曲面或以相切表示之曲面與平面, 須平順混接, 不對齊量不得超過 .010, 另有標註者除外。



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## PART SPECIFIC DATA 零件專屬資料

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000002090

PROCESS DESCRIPTION OR ENG NOTE TEXT:  
SURFACE ROUGHNESS 125 MICROINCHES RA ALL MACHINED SURFACES PER BACD2097.  
**製程說明：所有加工表面之表面粗糙度 125 微英寸 RA，依 BACD2097。**

IPSM HYPERLINK: [http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BACD2097&SURF\\_ROUGH\\_VALUE=125](http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BACD2097&SURF_ROUGH_VALUE=125)  
**IPSM 超連結**

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000002637

PROCESS DESCRIPTION OR ENG NOTE TEXT:  
PENETRANT INSPECT PER BAC 5423 AFTER MACHINING  
**製程說明：加工後依 BAC 5423 進行滲透檢驗。**

IPSM HYPERLINK: [http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5423&NOTE\\_EXTENSION=AFTER\\_MACHINING](http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5423&NOTE_EXTENSION=AFTER_MACHINING)  
**IPSM 超連結**

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000002642

PROCESS DESCRIPTION OR ENG NOTE TEXT:  
MANUFACTURING OPTION - ELECTRICAL DISCHARGE MACHINING PER BAC5969 IS OPTIONAL TO CONVENTIONAL MACHINING TECHNIQUES.  
**製程說明：製造選項 - 依 BAC5969 之放電加工 (EDM) 可替代傳統加工技術。**

IPSM HYPERLINK: <http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5969>  
**IPSM 超連結**

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000002643

PROCESS DESCRIPTION OR ENG NOTE TEXT:  
MANUFACTURING OPTION - LASER CUTTING PER BAC 5982 IS OPTIONAL TO CONVENTIONAL CUTTING TECHNIQUES.  
**製程說明：製造選項 - 依 BAC 5982 之雷射切割可替代傳統切割技術。**

IPSM HYPERLINK: <http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5982>  
**IPSM 超連結**

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000002644

PROCESS DESCRIPTION OR ENG NOTE TEXT:  
MANUFACTURING OPTION - THERMAL CUTTING PER BAC 5928, CLASS 1 IS OPTIONAL TO CONVENTIONAL CUTTING TECHNIQUES.  
**製程說明：製造選項 - 依 BAC 5928 第 1 類之熱切割可替代傳統切割技術。**

IPSM HYPERLINK: <http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5928&C1=1>  
**IPSM 超連結**

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## PART SPECIFIC DATA 零件專屬資料

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5SN0000003270  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
STOCK SIZE DOES NOT INCLUDE MANUFACTURING OR TOOLING EXCESS.  
製程說明：料件尺寸不含製造或工裝餘量。

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5SN0000003374  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
AS-ROLLED ST DIMENSION SHALL NOT EXCEED 2.50 INCHES.  
製程說明：軋延態 ST 尺寸不得超過 2.50 英寸。

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5PR0000003537  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
FORM, PUNCH, STRAIGHTEN, BREAK SHARP EDGES, AND FIT METAL PARTS PER BAC 5300  
製程說明：依 BAC 5300 成型、沖壓、矯直、去銳邊及金屬零件配合。  
IPSM HYPERLINK: <http://standards.web.boeing.com/hlgw.cgi?app=BAC&spec=BAC5300>  
IPSM 超連結

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5SN0000003808  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
GRAIN DIRECTION CONTROLLED PART. SEE CATIA DATASET FOR STOCK ORIENTATION.  
製程說明：晶粒方向控制零件。原料方向請參考 CATIA 資料集。

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5SN0000007679  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
TOLERANCE OF ALL PART THICKNESSES +/- .010 EXCEPT AS NOTED.  
製程說明：所有零件厚度公差 +/- .010，另有標註者除外。

## PART NOTES 零件備註

**PART NOTE ID NUMBER OR CODE:** 5SN0000008022  
PROCESS DESCRIPTION OR ENG NOTE TEXT:  
UNLESS OTHERWISE NOTED WITHIN THE 3D MBD CATIA DATA SET, THE LOCATION OF ALL PART FEATURES ARE SUBJECT TO A SURFACE PROFILE TOLERANCE ZONE OF 0.030 WITH RESPECT TO THE PRIMARY DATUM A AT RFS, SECONDARY DATUM B AT MMC, AND THE TERTIARY DATUM C AT MMC.  
製程說明：除 3D MBD CATIA 資料集另有標註外，所有零件特徵之位置須符合輪廓公差區 0.030，基於主基準 A ( RFS )、次基準 B ( MMC ) 及第三基準 C ( MMC )。

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## PART SPECIFIC DATA 零件專屬資料

## PART NOTES 零件備註

PART NOTE ID NUMBER OR CODE: 5SN0000008023

PROCESS DESCRIPTION OR ENG NOTE TEXT:

UNLESS OTHERWISE NOTED WITHIN THE 3D MBD CATIA DATA SET, THE LOCATION OF ALL HOLES ARE SUBJECT TO A POSITIONAL TOLERANCE WITH A DIAMETRICAL TOLERANCE ZONE OF 0.030 AT RFS WITH RESPECT TO THE PRIMARY DATUM A AT RFS, SECONDARY DATUM B AT MMC, AND THE TERTIARY DATUM C AT MMC.

製程說明: 除 3D MBD CATIA 資料集另有標註外, 所有孔之位置須符合直徑公差區 0.030 (RFS), 基於主基準 A (RFS)、次基準 B (MMC) 及第三基準 C (MMC)。

## PART NOTES 零件備註

PART NOTE ID NUMBER OR CODE: F-17.39

PROCESS DESCRIPTION OR ENG NOTE TEXT:

BORIC ACID - SULFURIC ACID ANODIZE IN ACCORDANCE WITH BAC 5632, CLASS 5.

製程說明: 依 BAC 5632 第 5 類進行硼酸-硫酸陽極處理。

## PART NOTES 零件備註

PART NOTE ID NUMBER OR CODE: F-20.03

PROCESS DESCRIPTION OR ENG NOTE TEXT:

APPLY TWO COATS OF BMS 10-11, TYPE I PRIMER IN ACCORDANCE WITH BAC 5736.

製程說明: 依 BAC 5736 塗覆兩層 BMS 10-11 第 I 型底漆。

## PART NOTES 零件備註

PART NOTE ID NUMBER OR CODE: FINISH SEQUENCE 表面處理順序

PROCESS DESCRIPTION OR ENG NOTE TEXT:

F-17.39+F-20.03 EXCEPT AS NOTED

製程說明: F-17.39+F-20.03, 另有標註者除外

## ANNOTATION 標註

ANNOTATION NUMBER: FL1

PROCESS NOTE IDENTIFYING NUMBER: AnnotationNote1

製程備註識別編號: AnnotationNote1

PROCESS DESCRIPTION OR ENG NOTE TEXT:

MISMATCH AND HEMSTICHING IS NOT ALLOWED

製程說明: 不允許不對齊及縫邊。

## LIFE LIMITED 壽命限制

FALSE 否

## BOEING PROPRIETARY ( 波音專有 )

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## COMPONENTS 組件

QTY 數量	PART OF IDENTIFYING NUMBER 識別編號之零件	DESCRIPTION 說明	REFERENCE PART NUMBER 參考料號
(No components listed) ( 無列出組件 )			

## STANDARD NOTES 標準備註

5SN000007452	THE BOEING COMPANY, BOEING COMMERCIAL AIRPLANES, SEATTLE, WASHINGTON 98124 波音公司, 波音商用飛機, 華盛頓州西雅圖 98124
5SN000007995	THE CATIA DATA SET CONTAINING THE 3D GEOMETRY, DIMENSIONS, TOLERANCES, AND ANNOTATION ALONG WITH ITS RELATED DATA SPECIFY THE COMPLETE PRODUCT DEFINITION. 包含 3D 幾何、尺寸、公差及標註之 CATIA 資料集及其相關資料定義完整產品定義。
5SN000007644	BOEING PROPRIETARY - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO THE BOEING COMPANY AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY PURPOSE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM THE BOEING COMPANY 波音專有 - 本文所含資訊為波音公司專有, 未經波音公司直接書面授權, 不得全部或部分複製、揭露或用於任何目的。
5SN000007409	DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. 尺寸與公差標註依 ASME Y14.5M-1994。
5SN000007410	DIMENSIONS AND SURFACE TEXTURE DESIGNATIONS APPLY BEFORE PLATING OR FINISH COATING UNLESS OTHERWISE NOTED. 除另有標註外, 尺寸及表面紋理標示適用於電鍍或塗裝前。
5SN000007407	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. 除另有規定外, 尺寸單位為英寸。
5SN000007996	DATA SET PER ASME Y14.41-2003. 資料集依 ASME Y14.41-2003。
5SN000007471	THE 3D GEOMETRY CONTAINED IN THE CATIA DATASET IS MODELED AT FULL SCALE AND AT THE NOMINAL CONDITION. CATIA 資料集中之 3D 幾何以全比例及標稱條件建模。
5SN000007939	787 PROGRAM SUBSTITUTIONS AND EQUIVALENTS SHALL BE IN ACCORDANCE WITH 787N9-2116 (MATERIALS, PROCESSES, AND MECHANICAL STANDARD PARTS); 787N3-3172 (ELECTRICAL STANDARDS); 787N3-3173 (FLUID SYSTEMS STANDARDS); AND 787N9-3174 (LIAISON). 787 專案之替代與等效件須依 787N9-2116 ( 材料、製程及機械標準件 )、787N3-3172 ( 電氣標準 )、787N3-3173 ( 流體系統標準 ) 及 787N9-3174 ( 聯絡 )。

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