



Xtracted Manufacturing Documents

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3D Annotated CAD DATA at your fingertips

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3D eXtracted Manufacturing Document (3DXMD)

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This PDF is a 3D eXtracted Manufacturing Document (3DXMD). It is a complete extraction of all the manufacturing data from the original CAD MBD Dataset, presented in PDF format.

Contains:

- A 3D GD&T Screengrab
- 2D drawings of each view with annotation
- Specification Tree Notes
- Solid Volume

Attached Files:



- A STEP203 files containing the 3D solid and necessary points
- An IGES pointcloud that can verify final STEP translation



The source for all MBD Derivative data needs

CLICK ON PICTURE TO ACTIVATE 3D ROTATE, PAN AND ZOOM

Rotate - Mouse button 1
Zoom - Mouse button 3
Pan - Mouse Button 1 and 3 together

NOTE: This page was printed from a random 3D view		Date 8/17/09	 XDT SOFTWARE		
	Size B	Tracking J2918	Drawing Number XDT-20Q115-3	Revision _	Sheet 1
Scale: None		This Drawing was translated at www.mbdcentral.com			

$\varnothing .500$ REF PF FOR BUSHING
 $\varnothing .015$ (M) A B C

D

1

$\varnothing .375$ REF FOR BUSHING
 $\varnothing .005$ (M) A B C

E

1/4-20 THD THRU

1

$\varnothing .500$ REF PF FOR BUSHING
 $\varnothing .015$ (M) D



C1

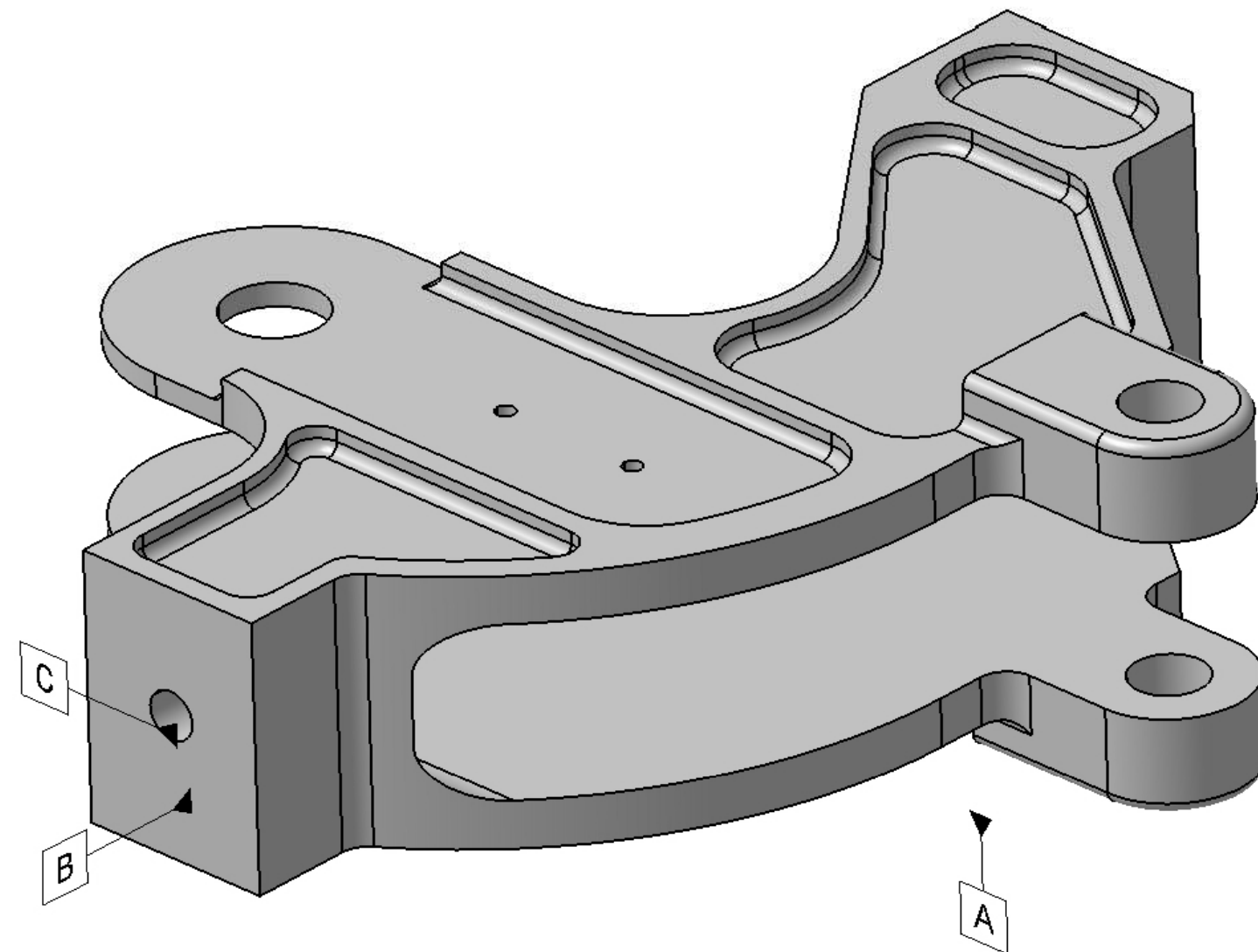
.005 A



$\varnothing .375$ REF FOR BUSHING
 $\varnothing .005$ (M) E

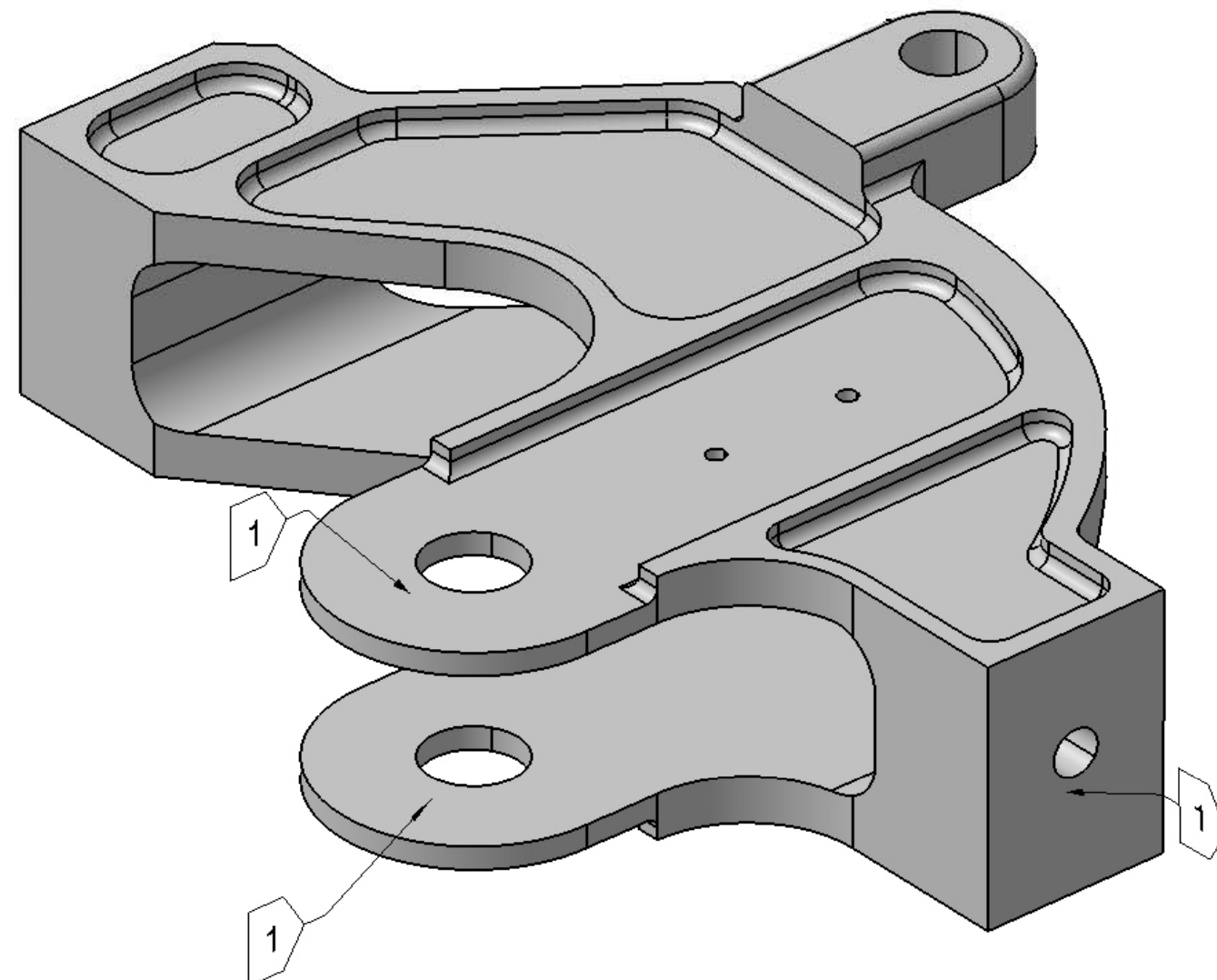
A



.010 A B C

	Date	 XDT SOFTWARE			
	8/17/09	Size	Tracking	Drawing Number	Revision
B	J2918	XDT-20Q115-3		—	1/5
Scale: None		This Drawing was translated at www.mbdcentral.com			



	Date	 XDT SOFTWARE		
	8/17/09	Drawing Number	Revision	Sheet
Size	Tracking	XDT-20Q115-3	—	2 / 5
Scale: None		This Drawing was translated at www.mbdcentral.com		



	Date	 XDT SOFTWARE		
	8/17/09	Drawing Number XDT-20Q115-3	Revision _	Sheet 3/5
Size B	Tracking J2918	Scale: None This Drawing was translated at www.mbdcentral.com		

G

F

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2

2

1

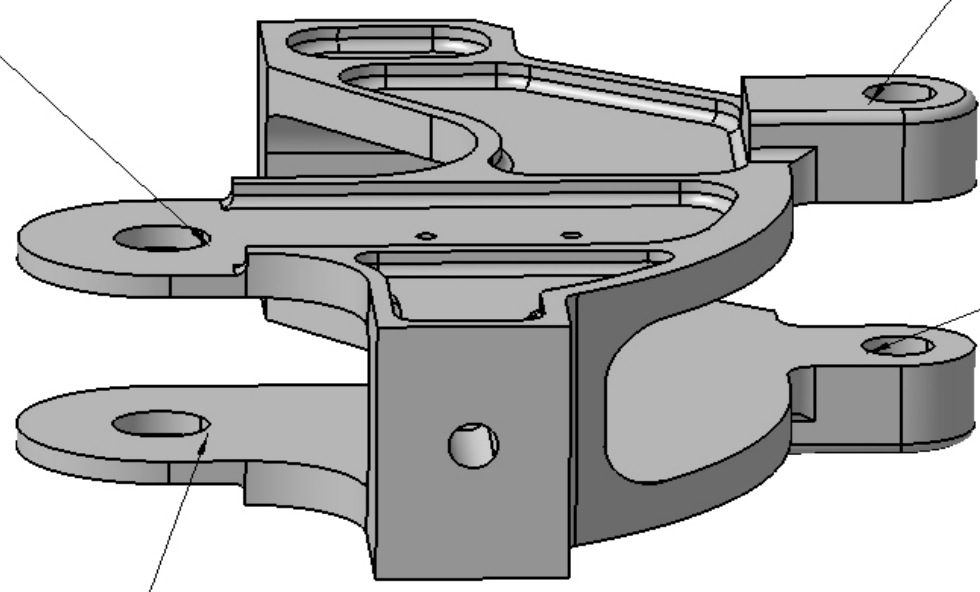
1



Ø.500 REF PF FOR BUSHING
 ⊕ Ø.015 (M) A B C

Ø.375 REF FOR BUSHING
 ⊕ Ø.005 (M) A B C

Ø.375 REF FOR BUSHING
 ↗ ↘ Ø.005 (M) E

Ø.500 REF PF FOR BUSHING
 ↗ ↘ Ø.015 (M) D



	Date	 XDT SOFTWARE			
	8/17/09	Size	Tracking	Drawing Number	Revision
B	J2918	XDT-20Q115-3		—	4/5
Scale: None		This Drawing was translated at www.mbdcentral.com			

G

F

E

D

C

B

A



$\varnothing .500$ REF PF FOR BUSHING
 $\varnothing .015$ (M) A B C
 D

$\varnothing .375$ REF FOR BUSHING
 $\varnothing .005$ (M) A B C
 E

$\varnothing .375$ REF FOR BUSHING
 $\varnothing .005$ (M) E

$\varnothing .500$ REF PF FOR BUSHING
 $\varnothing .015$ (M) D
 C
 B

$\varnothing .010$ A B C

	Date	 XDT SOFTWARE			
	8/17/09	Size	Tracking	Drawing Number	Revision
B	J2918	XDT-20Q115-3		—	5/5
Scale: None		This Drawing was translated at www.mbdcentral.com			

***** Model Parameters *****

Part Number: XDT-20Q115-3
Revision:
Definition:
Nomenclature:
Product Source: Unknown
Description:

***** User Parameters *****

- 001 XDT-20Q115-3\Approval Status:\AS1
Repository = GENERIC AIRCRAFT ENOVIA
- 002 XDT-20Q115-3\Approval Status:\AS2
Part Number = XDT-20Q115-3
- 003 XDT-20Q115-3\Approval Status:\AS3
Part Name 1 = SUPPORT BELCRANK OUTBD LE AILERON
- 004 XDT-20Q115-3\Approval Status:\AS5
Revision = -
- 005 XDT-20Q115-3\Approval Status:\AS6
Status = APPROVED
- 006 XDT-20Q115-3\Approval Status:\AS7
Status Date = 09_12-2008
- 007 XDT-20Q115-3\Part Notes:\PN1
GENERIC AIRCRAFT PROPRIETARY - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO THE GENERIC AIRCRAFT 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 GENERIC AIRCRAFT.
- 008 XDT-20Q115-3\Standard Notes:\STD1
THE CATIA DATASET CONTAINING THE 3D GEOMETRY, DIMENSIONS, TOLERANCES, AND ANNOTATION ALONG WITH ITS RELATED DATA SPECIFY THE COMPLETE PRODUCT DEFINITION.
- 009 XDT-20Q115-3\Standard Notes:\STD2
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
- 010 XDT-20Q115-3\Standard Notes:\STD3
DIMENSIONS AND SURFACE TEXTURE DESIGNATIONS APPLY BEFORE PLATING OR FINISH COATING UNLESS OTHERWISE NOTED.
- 011 XDT-20Q115-3\Standard Notes:\STD4
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
- 012 XDT-20Q115-3\Standard Notes:\STD5
DATASET PER ASME Y14.41-2003.

- 013 XDT-20Q115-3\Standard Notes:\STD6
THE 3D GEOMETRY CONTAINED IN THE CATIA DATASET IS MODELED AT
FULL SCALE AND AT THE NOMINAL CONDITION.
- 014 XDT-20Q115-3\Standard Notes:\STD7
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 .060 WITH RESPECT TO THE PRIMARY DATUM A,
SECONDARY DATUM B, AND THE TERTIARY DATUM C..
- 015 XDT-20Q115-3\Standard Notes:\STD8
FEATURES SPECIFICALLY DIMENSIONED TO THREE DECIMAL PLACES WILL
HAVE A TOLERANCE OF +/- 0.010.
- 016 XDT-20Q115-3\General Notes:\GEN1
BREAK ALL SHARP EDGES
- 017 XDT-20Q115-3\General Notes:\GEN2
PENETRANT INSPECT PER GAC 5423
- 018 XDT-20Q115-3\General Notes:\GEN3
GRAIN DIRECTION CONTROLLED PART. SEE CATIA DATASET FOR STOCK
ORIENTATION
- 019 XDT-20Q115-3\General Notes:\GEN4
SURFACE ROUGHNESS 125 MICROINCHES RA ALL MACHINED SURFACES
- 020 XDT-20Q115-3\Flag Notes:\FL1
MASK AREA INDICATED IS MINIMUM REQUIRED COVERAGE. MASKING MAY
EXTEND UP TO 0.10" INTO SURROUNDING AREAS
- 021 XDT-20Q115-3\Material Notes:\MAT1
7050 - T7451 ALUMINUM ALLOY PLATE PER GAC 7-323 TYPE I

**** Mass Properties ****

```
=====
Body = PartBody
Volume = 6.264in3
Surface Area = 73.729in2
=====
```