

July 16, 2025



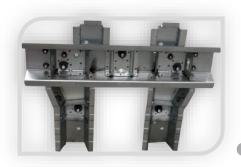
# **CONTENTS**

YEPSAN History
Capabilities
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#### YEPSAN GROUP













**Press Lines** 

(250 - 1600 Tons)

Robotic Welding

YEPSAN Automotive YEPSAN Mold

Mold, Dies, Fixtures, Tools Deep Drawing, Stretch Tools 11.000 h/year production

TÜRKHAVACILIK

**Sheet Metal Parts** 

UZAYSANAYİİ



28.000 T/year Metal forming capacity

> YEPSAN Isolation

YEPSAN Defence & Aviation



VOLVO

Aluminium, noise and heat isolation parts







HAVELSAN



NDT (Nadcap)

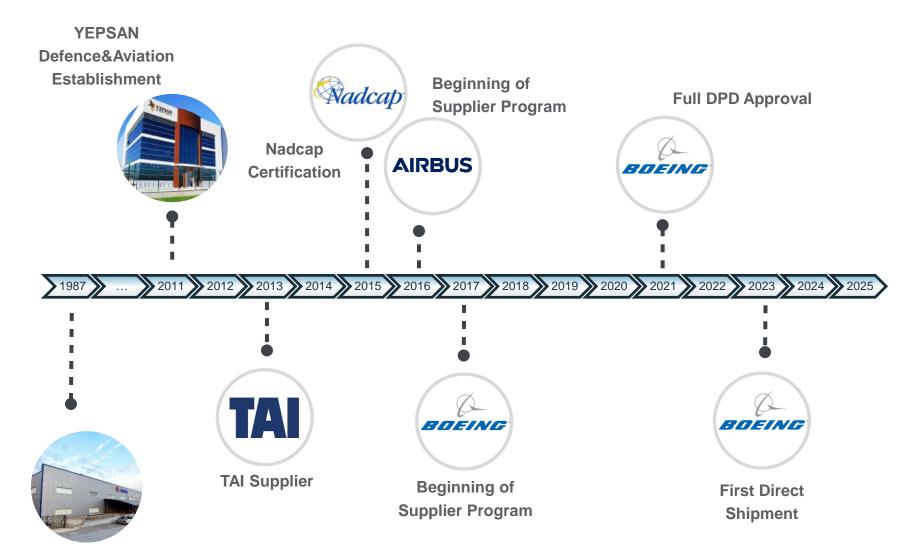








#### YEPSAN HISTORY

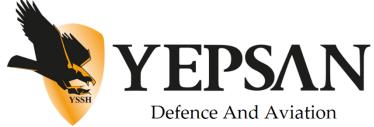


**YEPSAN** Establishment



#### YEPSAN DEFENCE AND AVIATION





#### **Private Company**

Founded: 2011

Total Area : 17.500 m<sup>2</sup>

Plant : 7.375 m<sup>2</sup>

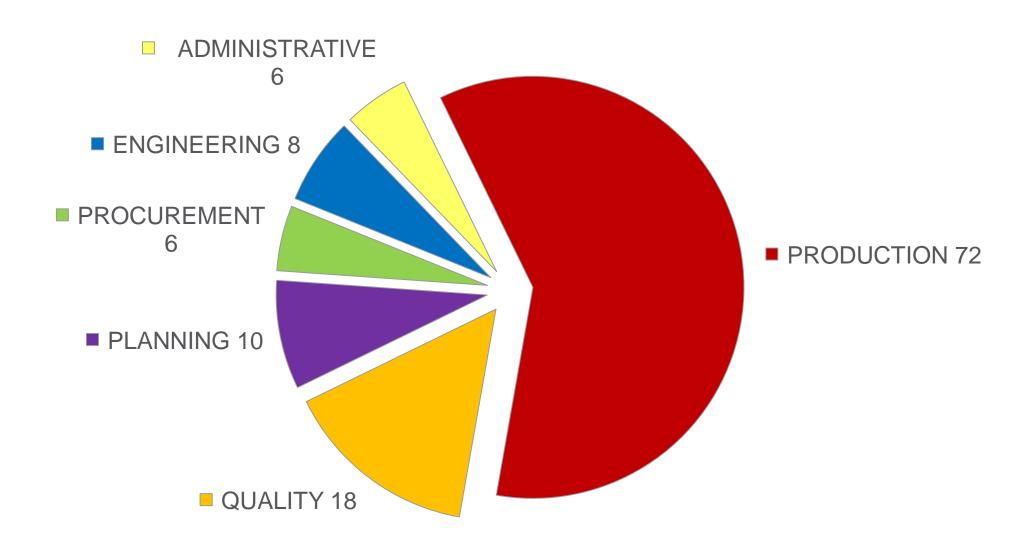
#### **Employees**

White-Collar : 31
Blue-Collar : 89

Total: : 120

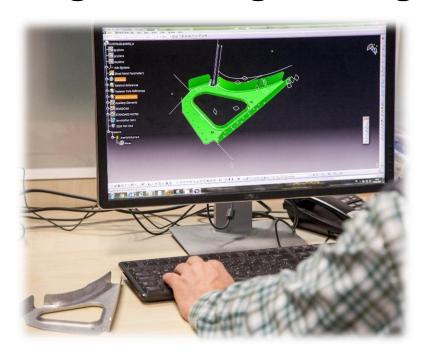


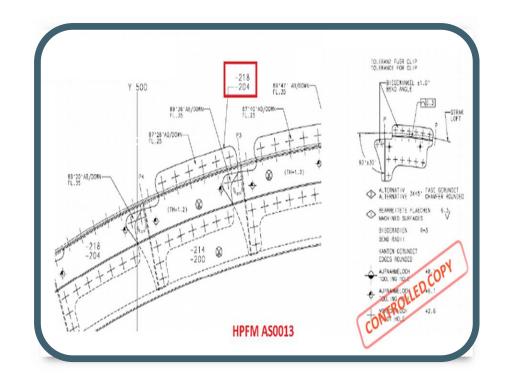
#### YEPSAN STAFF

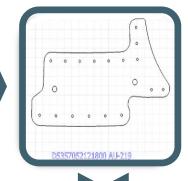




### Design and Engineering

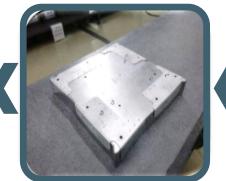


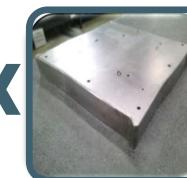


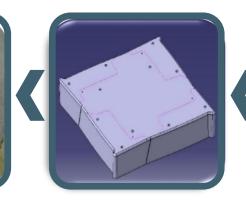


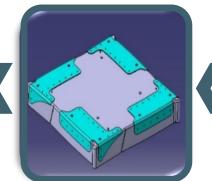








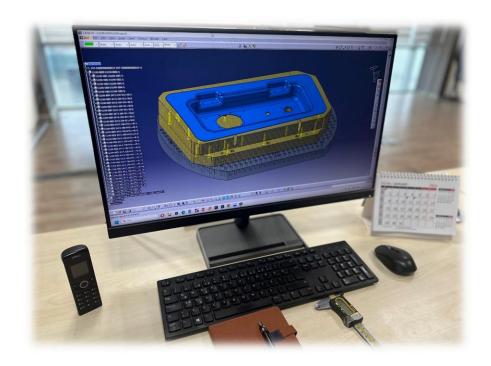








### Tool Design and Manufacturing















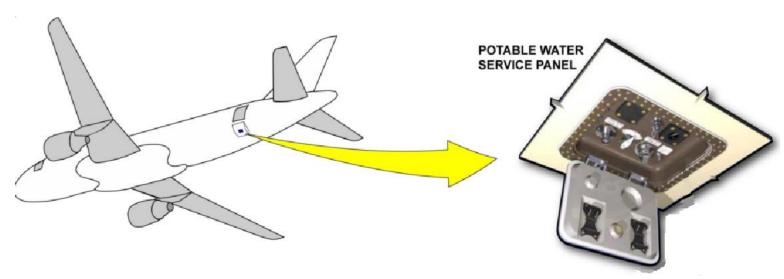
# Sheet Metal Forming



Section 18 Shell Stainless steel



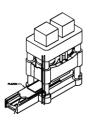






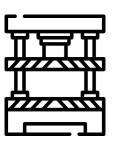
#### Sheet Metal Forming

Hydroforming



Quintus QFC 100 x 700 x 1800 mm 700 bar

Hydraulic Press



1,000 x 1,000 mm 400 tons\* 600 x 800 mm 60 tons

Eccentric Press



800 x 1,200 mm 120 tons

#### **Materials**

- Inconel
- Titanium
- Aluminium
- Stainless Steel



















#### Sheet Metal Forming

#### **Bending (Press Brake)**



500 x 1,200 mm 900 x 3,000 mm

#### **Material**

- Inconel
- Titanium
- Aluminium
- Stainless Steel





# Machining



3-Axis	x (mm)	y (mm)	z (mm)	rpm
Quaser M184C (x2)	610	610	1,020	12,000
4-Axis				
Hipreed VCL1580L (x2)	800	800	1,700	12,000
5-Axis				
Deckel Maho DMU 50	400	450	500	18,000
Deckel Maho DMU 70	520	600	750	18,000
Matsuura MX850	650	780	900	15,000



- Aluminium
- Stainless Steel









#### **INCONEL DEEP DRAWING**

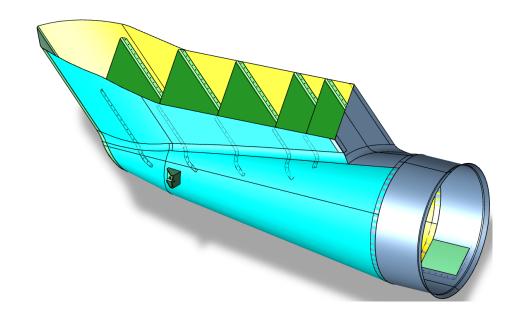


**Tool Size:** 3,000 x 1,800 x 1,200 mm

Tool Weight: 10,000 kg

Part Material: Inconel 625

**Plate Size:** 0.6 x 914 x 2000 mm



T70 - Turkish Utility Helicopter



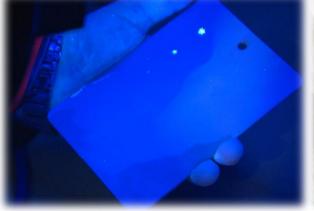
### NDT (NADCAP)

• Penetrant oven: 1,000 x 1,500 x 2,500 mm









#### Heat Treatment (NADCAP)

- For aluminium components
- Drop bottom furnace: 1,300 x 1,400 x 1,700 mm
- Aging furnace: 1,500 x 1,500 x 2,200 mm





#### FAI

- CMM: Hexagon DEA Global Silver Advantage (x2) 800 x 900 x 2,000 mm
- Laser Scanner: Hexagon Absolute Arm 1,250 x 2,500 x 2,500 mm







### Assembly

 Production and assembly of cabinets and module boxes for Havelsan













#### **AUTHORIZED PROCESSES**



In accordance with Airbus Procedure AP5270, this attestation is granted to YEPSAN SAVUNMA VE HAVACILIK SANAYI VE TICARET ANONIM SIRKETI 30. CADDE NO7 MALIKOY SINCAN ANKARA 6909
Turkey

This attestation demonstrates recognition of Airbus Qualifications for : O1 Joining Techniques ; O3 Installation, Manufacture, Fabrication ; O4 Heat Treatment ; O8 Marking O9 Cleaning, De-oxidation, Pickling, Chemical Coating ; Non Destructive Testing

Note: saying that the real qualification data base is the official QSPL data base published at <a href="www.airbus.com">www.airbus.com</a> on the Airbus Qualified Special Process List (QSPL) at the issuance date of this attestation.

Supplier ID: 310285

Attestation Issuance date: 25 Oct 2016 12:01

AN AIRBUS GROUP COMPANY



#### **AUTHORIZED PROCESSES**

#### YEPSAN SAVUNMA VE HAVACILIK SANAYI VE TICARET ANONIM SIRKETI/Turkey/310285

Family	Ref. No. (PS)	Title (PS)	Ref. No. (PI)	Title (PI)	Special Process	PS Current Version	Status	Limitations	First ATP or Qualification date	Airbus Reference No
03 Installation, Manufacture, Fabrication	80-T-30-4010	Machining of Metallic Components	80-T-30-4010	Machining of Metallic Components	No		QUALIFIED		07/06/2016	POSB3_16_414 198 (1169758)
03 Installation, Manufacture, Fabrication	80-T-30-6918	Finishing of Metal Components Deburring, Cleaning	80-T-30-6918	Finishing of Metal Components Deburring, Cleaning	No		QUALIFIED		08/06/2016	POSB3 16 414 198 (1169758)
01 Joining Techniques	80-T-30-9910	Drilling. Reaming and Countersinking of Rivet and Screw Holes	80-T-30-9910	Drilling, Reaming and Countersinking of Rivet and Screw Holes	Yes		QUALIFIED WITH LIMITATIONS	Process is limited to satisfy drawing requirements of Section 19. Manual Drilling via drill guns or comparable means was neither applied nor audited	07/06/2016	POSB3 16 414 198 (1169758)
03 Installation, Manufacture, Fabrication	80-T-32-1000	Forming of Aluminium Sheets and Sections	80-T-32-1000	Forming of Aluminium Sheets and Sections	No		QUALIFIED		08/06/2016	POSB3_16_414 198 (1169758)
09 Cleaning, De-oxidation, Pickling, Chemical Coating	80-T-35-0014	Cleaning with Organic Solvents Cold Cleaning Agents	80-T-35-0014	Cleaning with Organic Solvents Cold Cleaning Agents	No		QUALIFIED		07/06/2016	POSB3 16 414 198 (1169758)
04 Heat Treatment	80-T-36-1010	Heat Treatment of Aluminium	80-T-36-1010	Heat Treatment of Aluminium	Yes		AUTHORISATI ON TO PROCEED until 2016-12-31		07/06/2016	POSB3_16_414 198 (1169758)
08 Marking	80-T-39-0132	Marking with Indelible Ink	80-T-39-0132	Marking with Indelible Ink	No		QUALIFIED		07/06/2016	POSB3_16_414 198 (1169758)
Non Destructive Testing	AITM6-6004	For Inspection Processes Determination of electrical conductivity of aluminium alloys by Eddy current method	AITM6-6004	For Inspection Processes Determination of electrical conductivity of aluminium alloys by Eddy current method	Yes	3	QUALIFIED		07/06/2016	POSB3_16_414 198 (1169758)



#### **AUTHORIZED PROCESSES**



Doing Business with Boeing
Approved Process Sources D1-4426
Revision: MN Effective: 17/Dec/2024

Document D1-4426 - Processes for BE10404347

Detail Information for Processor Code number: BE10404347						
Supplier Name: YEPSAN DEFENCE & AEROSPACE IND CO						
Address:	ASKENT ORGANIZE SANAYI, BOLGESI 30 CD NO 7 MALIKOY SINCAN					
City/town:	ANKARA					
Province/state:	06909					
Country:	TURKEY					
Area:						
Contact Name:	Muhammet UNAL					
Title:	Quality Manager					
Phone:	9031264015724					
Fax:	903126401576					
Boeing Contact Name:	Duygu Demirci					
Boeing Contact Email:	duygu.demirci2@boeing.com					

<sup>\*</sup> An acronym in the "Nadcap Commodity" column only indicates that Nadcap accreditation may be required for this Process Code. It does not provide any indication of this company's actual Nadcap accreditation status.

Process Code	*Nadcap Commodity	Limitation Codes	Doc Notes	Nomenclature	
<u>003</u>	<u>AQS</u>	None	None	Quality Management System (QMS) as defined in D1-4426 Processor Requirements Sec 6.16.3	Quality System
<u>111</u>	<u>HT</u>	None	None	Heat Treat of Aluminum Alloys	BAC 5602
<u>410</u>	<u>NDT</u>	None	None	Penetrant Inspection	BAC 5423
410A	<u>NDT</u>	None	None	Liquid Penetrant Inspection	BSS 7039
<u>803</u>	<u>MTL</u>	None	None	Metallurgical Testing	Met. Testing
<u>806</u>	<u>HT</u>	None	None	Temper Inspection of Non-ferrous Alloys (Conductivity Method including BAC 5651)	BAC 5946
806A	<u>HT</u>	None	None	Hardness Testing	BAC 5650



#### **DPD APPROVAL**



**Boeing Proprietary** 



**Boeing Proprietary** 

YEPSAN DEFENCE & AEROSPACE IND CO BE10404347

#### DIGITAL PRODUCT DEFINITION DISCIPLINE APPROVAL RECORD

THE BOEING COMPANY

YEPSAN DEFENCE & AEROSPACE IND CO

BEST Code: BE10404347

BASKENT ORGANIZE SANAYI, BOLGESI

ANKARA, 06909

TURKEY

**General Information** 

**Supplier Contact:** 

Title:

Request Justification:

Justification Reason:

**Approval Details** 

Approval Type: Full

**Discipline Category:** DPD, MBD, CMS, Plotter

Requesting BU: BCA

Requesting Site: BCA Puget Sound

Approval Status: Approved

Comments: N/A

**Approval Details** 

Approval Type: Full

Discipline Category: DPD, MBD, CMS, Plotter

Requesting BU: BCA

\_\_\_\_\_

Requesting Site: BCA Puget Sound

Approval Status: Approved

Comments: N/A

Last DAR Update: 07 Nov 2022
Last On Site Performed: 03 Nov 2022
Maintenance Performed: 07 Nov 2022
Next Maintenance Due: 17 Jan 2021

#### Site Approvals

Site	Approval Type	Approval Status	Limited Expiration	Discipline Category	Software/Ver sion	Transfer Method
BCA SEAT	Full	Approved	N/A	DPD, MBD	CATIA V5 - R2018 SP6HF6	BPN
BCA SLKC	Full	Approved	N/A	DPD, MBD	CATIA V5 - R2018 SP6HF6	BPN
BDS OKCY	Full	Approved	N/A	DPD, MBD	CATIA V5 - R2018 SP6HF6	BPN

#### Coordinate Measurement System (CMS) Capabilities

CMS Software		Approved By	Comments
Fixed Coordinate Measurement Machine	PC DMIS 2022.1	DPD	HEXAGON Global 092008 (2013) (ID: KA-026)

#### Plotter Capabilities

Flatbed Plotter: No

Comments: No flatbed plotter at time of approval

Roll Plotter: Yes

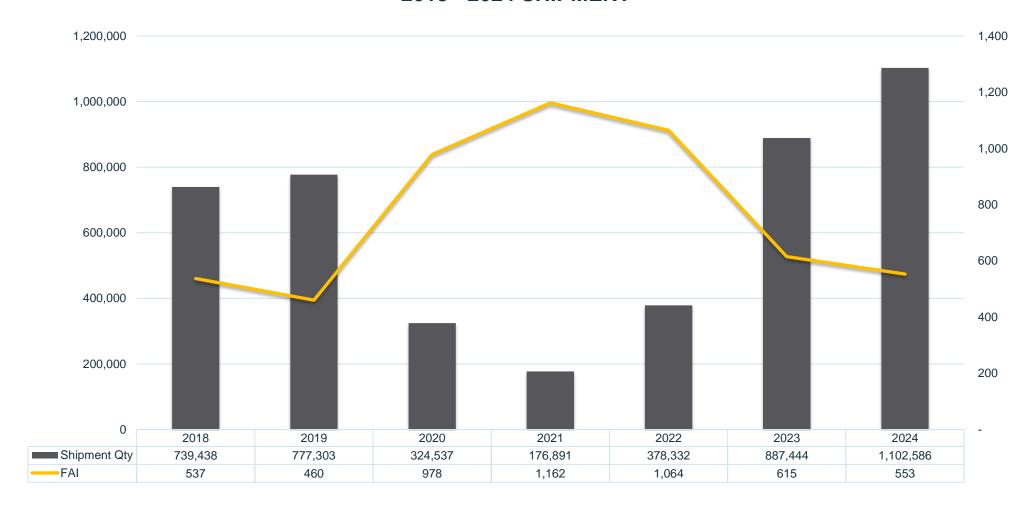
Comments: EPSON SC-T5400 Printer K331A (2019)

Identification #: KA-198



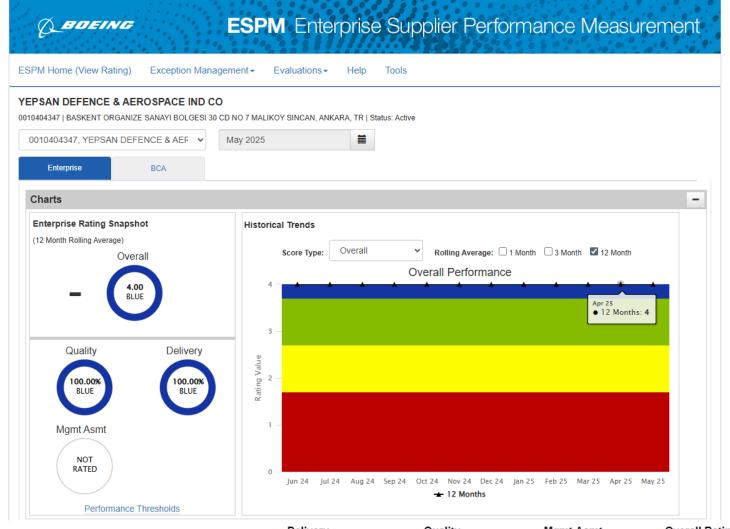
#### SHIPMENT PERFORMANCE

#### 2018 - 2024 SHIPMENT



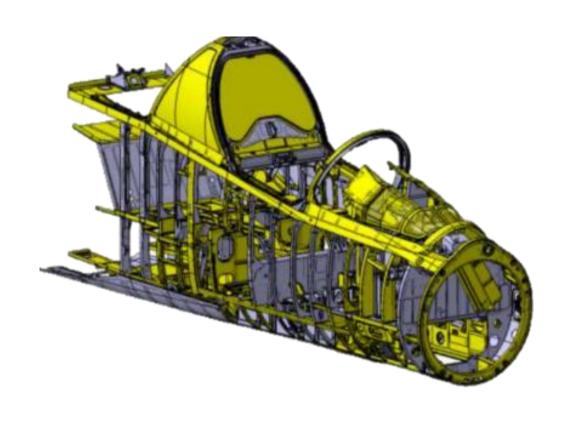


# EPSAN° BOEING TIER-1 SHIPMENT PERFORMANCE



		Delivery	Quality	Mgmt Asmt	Overall Rating
BLUE	Superior	100% - 100%	100% - 100%	3.70 - 4	3.70 - 4
GREEN	Satisfactory	98% - 99.99%	99.80% - 99.99%	2.70 - 3.69	2.70 - 3.69
YELLOW	Needs Improvement	90% - 97.99%	98% - 99.79%	1.70 - 2.69	1.70 - 2.69
RED	Unsatisfactory	0% - 89.99%	0% - 97.99%	0 - 1.69	0 - 1.69



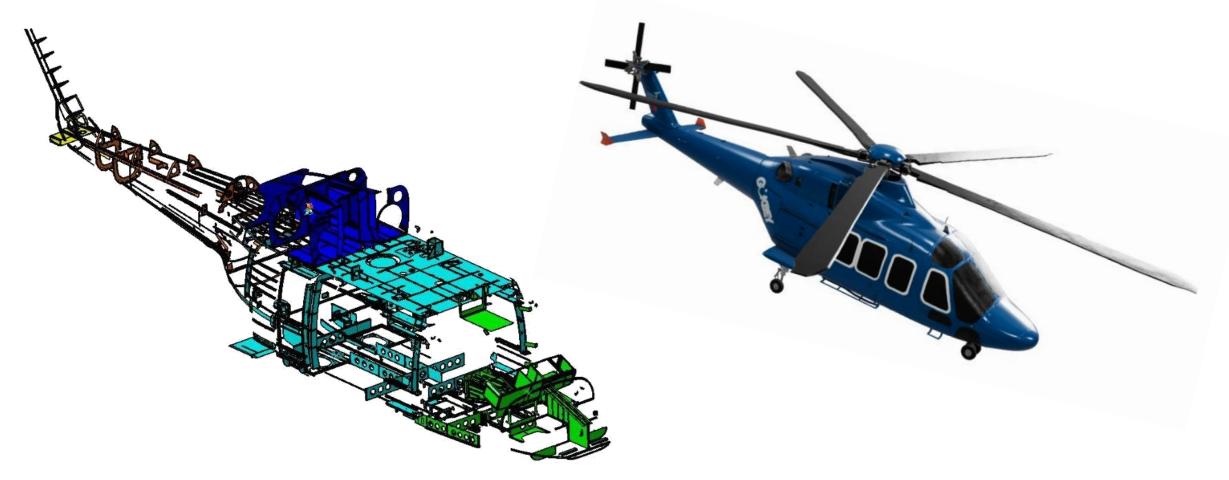




- 300+ Different References
- 5,000+ Parts

TAI PROGRAM
HÜRKUŞ - Trainer Aircraft

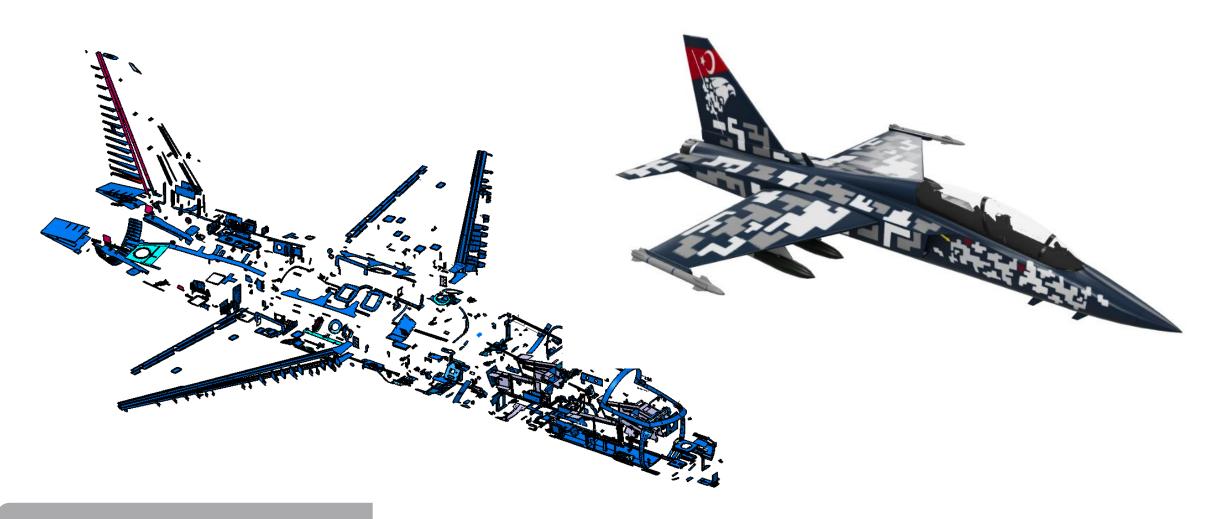




- 1,300+ Different References
- 3,500+ Parts

TAI PROGRAM
T625 – GÖKBEY Utility Helicopter



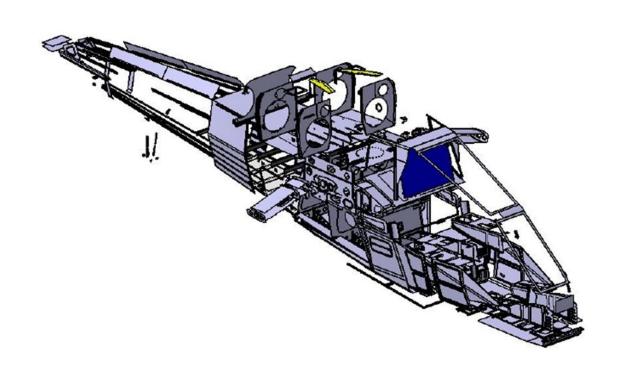


- 1,700+ Different References
- 9,000+ Parts

TAI PROGRAM

HÜRJET – Jet Training and Light Attack Aircraft







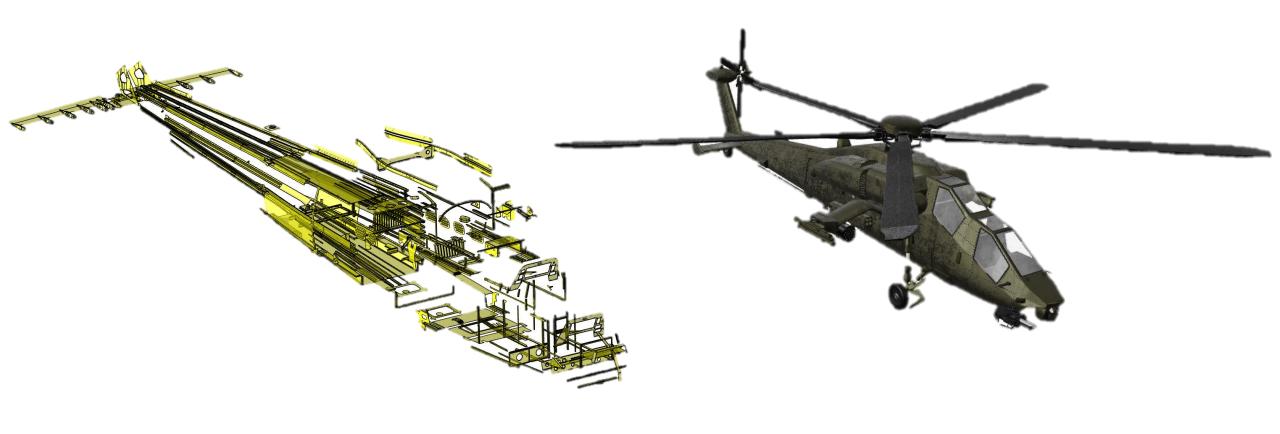


- 900+ Different References
- 2,000+ Parts

#### TAI PROGRAM

**T629 - Unmanned, Electric Attack Helicopter** 





• 500+ Different References

TAI PROGRAM
T129 - Heavy Duty Attack Helicopter





- 1,375 Different References
- 60,000+ Parts

TAI PROGRAM
T70 - Turkish Utility Helicopter









**ATAK Turkish Attack Helicopter** 



**OTHER Various Drone Programs** 

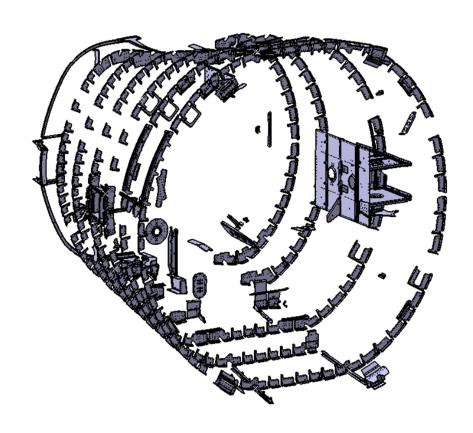
- 650 Different References
- 20,000+ Parts

- 50 Different References
- 90,000+ Parts

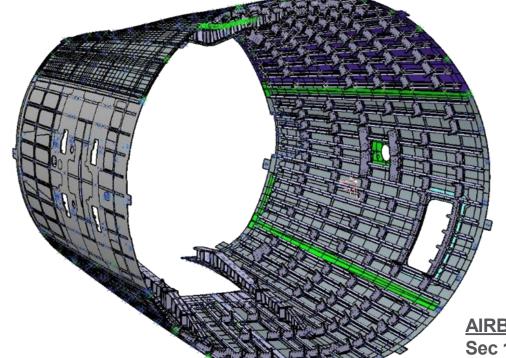
- 250 Different References
- 7,000+ Parts



#### **AIRBUS PROJECTS**



- 1,500+ Different References
- 560,000+ Parts shipped in 2024



AIRBUS PROGRAMS

**Sec 19** 

PAG SA Section 19 Shells&Barrel (A319/320/321 – Single Aisle)

Sec 18

Section 18 panels (A319/320/321 – Single Aisle)

A400M **A220** 

**UNCLASSIFIED** 



# **AIRBUS PROJECTS**





#### **BOEING PROJECTS**













#### **BOEING PROGRAMS**

737/737 Max

747

767

777

787

Boeing Fan Cowl

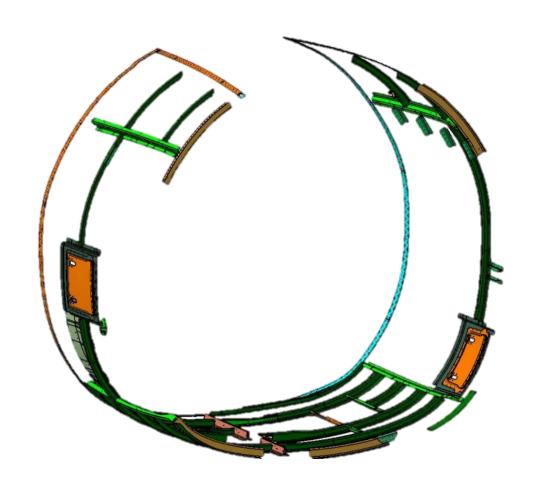
Section 48

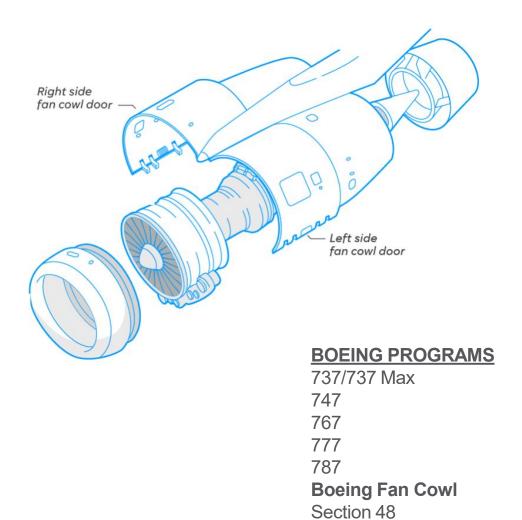


- 2,500+ Different References
- 460,000+ Parts shipped in 2024



# **BOEING PROJECTS**









Certification S rita آھ ureau m

# **AS9100D Certification**

#### Certificate of Approval

This is to certify that the Quality Management System of:

Yepsan Savunma ve Havacılık Sanayî ve Ticaret A.Ş.

BASKENT OSB 30. CAD. NO:7 MALIKOY SINCAN, ANKARA, TURKEY

has been audited in accordance with the requirements of EN 9104-001:2013 by Bureau Veritas Certification and conforms to the following Quality Management Systems Standards detailed below

#### Standards

BS EN ISO 9001:2015 EN 9100: 2018

(Technically equivalent to AS9100D)

Scope of certification

PRODUCTION AND SALES OF CUT, COLD FORMED MACHINED METAL SHEETS, HEAT TREATMENT OF SHEET ALUMINUM ALLOYS, NON-DESTRUCTIVE AND MATERIAL TESTING OF METALS FOR AEROSPACE AND DEFENSE INDUSTRY

Certification Structure: Single Site

This certificate forms part of the approval identified by certificate number

Original ASCS Approval:

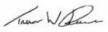
12-09-2013

Certificate Issue Date:

11-09-2022

Certificate Expiry Date:

10-09-2025



**Authorised Signatory** 





Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

Certification Body: Bureau Veritas Certification Holding SAS-UK Branch 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom





Nerit



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

#### YEPSAN SAVUNMA VE HAVACILIK SAN. VE Tic. A.S.

BASKENT OSB 30. CAD. NO:7 Malikoy Sincan Ankara, 06909 Turkey

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

#### NonDestructive Testing

Certificate Number: 11964218566 Expiration Date: 31 May 2026 Accreditation Length: 24 Months

Jay Solomond

**Executive Vice President & Chief Operating Officer** 

North

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Meril



Neri



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

#### YEPSAN SAVUNMA VE HAVACILIK SAN. VE Tic. A.S.

BASKENT OSB 30. CAD. NO:7 Malikoy Sincan Ankara, 06909 Turkey

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

Heat Treating

Certificate Number: 11964227530 Expiration Date: 31 May 2027 Accreditation Length: 24 Months

Jay Solomond

**Executive Vice President & Chief Operating Officer** 

Norix

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Merit



# TURKISH MINISTRY OF DEFENCE Approved Supplier







#### THE REPUBLIC OF TURKEY MINISTRY OF FOREIGN AFFAIRS

# TURKISH NATIONAL SECURITY AUTHORITY

**Facility Security Clearance** 

95091151-520.55-2022/33840542

#### FACILITY SECURITY CLEARANCE CERTIFICATE (FSCC)

This is to certify that facility security clearance was granted to Yepsan Savunma ve Havacılık Sanayi ve Ticaret A.Ş. (located at Malıköy Başkent OSB Mahallesi 30. Cadde Yepsan Havacılık Sanayi Blok No:7 Sincan/ANKARA) by the National Security Authority of the Republic of Turkey on 12 January 2022 in accordance with the provisions of the Industrial Security Directive, supporting Enclosure "G" to the NATO Security Policy (C-M(2002)49), and that this clearance is valid until 30 December 2026.

The National Security Authority of the Republic of Turkey confirms that the above-mentioned facility possesses storage capabilities approved for safeguarding of classified information up to the "NATO SECRET" level.

This certificate has been issued upon the request of the said company.

Signed

: Bekir Sarp ERZİ

Title

: Head of Department

NATO and Euro-Atlantic Security Infrastructure and Logistics



#### YEPSAN FACILITY





#### YEPSAN FACILITY INVESTMENTS



YEPSAN's 2025 - 2026 investment plans include factory floor expansion for CNC machining and assembly lines.



#### **CUSTOMERS**















You fly with our parts even if you can't see them...

www.yepsanssh.com.tr tekliflendirmebolumu@yepsanssh.com.tr