

Document Number	HSF-TrainingE19	First Release Date	01.01.2025	Does Not Contain ITAR Controlled Data
Revision Number	02	Revision Date	23.10.2025	Cancelled Revision 01

## 1. KAPSAM

- 1.1. Bu eğitim dokümanı HSF üretim süreçleri kapsamında dahili ve harici tüm süreçler için, müşteri gereksinimleri kapsamında uygulanan, **İlk Parça Muayene (FAI)** formlarının nasıl doldurulacağını detayli açıklanmasını kapsamaktadır.
- 1.2. **Urun Güvenliği:** HSF, **FAI**'yi ürün güvenliği için hayati bir unsur olarak kabul etmektedir ve **FAI** müşteri istekleri kapsamında yer alması durumunda tüm üretim sürecini **FAI** onay sürecine göre yürütmektedir.
- 1.3. **Kullanıcı Seviyesi:** Bu belgenin kullanıcı seviyesi kalite kontrol ve süreç onay takım lideri, üretim takım lideri ve tedarik takım lideridir.
- 1.4. **Uygulayıcı Sorumluluğu:** HSF **FAI** politikası **Gelişmiş Urun Kalite Planlama ve Üretim Parça Onay Süreci (APQP-PPAP)** yönetimi aşamasından başlatılır ve ürün teslimat sonrası hizmet ve servisleri de kapsayacak şekilde oluşturulmaktadır.
- 1.5. **Online Ziyaretçi Sorumluluğu:** Bu dokümanda yer alan bilgiler HSF **APQP-PPAP** politikası dikkate alınarak hazırlanmıştır. Online ziyaretçiler bu dokümanda yer alan bilgileri kendi kapasiteleri ve koşulları kapsamında kullanmasından sorumludur, HSF'nin her hangi bir sorumluluğu yoktur.
- 1.6. HSF **FAI** politikası, HSF **APQP-PPAP** uygulama politikasının bir parçasıdır. Bu dokümanın tam anlaşılması için HSF **APQP-PPAP** dokümanında dikkate alınması gerekir.
- 1.7. **Risk Değeri:** HSF **FAI** Politikası kapsamında yürütülen tüm üretim (tedarik, üretim ve kalite kontrol) süreçleri için risk değerlendirmeleri aktif olarak yapılır, bu kapsamda HSF **FAI** politikası **en az Yüksek Öncelikli** olarak kabul edilir ve tüm **FAI** kaynaklı uygunsuzluklar için **Düzeltilici Faaliyet** başlatılması esastir.
- 1.8. Bu eğitim dokümanı, **FAI**'nin gerçekleştirilmesi ve belgelendirilmesi için gereklilikleri belirlemektedir. HSF **FAI** politikasına göre, **FAI** süreci, müşteri ve ilgili yasal ve düzenleyici gerekliliklerin tamamlayıcısıdır (alternatifi değildir).
- 1.9. Aksi müşteri isteklerinde belirtilmediği sürece HSF **FAI** uygulamasını **SAE AS9102 (Rev.C)** standardini temel olarak gerçekleştirir.
- 1.10. HSF tüm **FAI** süreçlerini ERP sistemi ve **FAI** formları üzerinden gerçekleştirir.

## 1. SCOPE

- 1.1. *This training document includes detailed explanations on how to complete **First Article Inspection (FAI)** forms, which are applied in accordance with customer requirements for all internal and external processes within the scope of HSF production processes.*
- 1.2. **Product Safety:** HSF considers **FAI** a vital element of product safety and conducts the entire production process in accordance with the **FAI** approval process when **FAI** is included within the scope of customer requirements.
- 1.3. **User Level:** The user level for this document is quality control and process approval team leader, production team leader, and procurement team leader.
- 1.4. **User Responsibility:** HSF **FAI** policy starts from the **Advanced Product Quality Planning and Production Part Approval Process (APQP-PPAP)** management stage, and this policy is created to include post-delivery services.
- 1.5. **Online Visitor Responsibility:** The information contained in this document has been prepared in accordance with HSF **APQP-PPAP** policy. Online visitors are responsible for using the information contained in this document within their own capacity; HSF assumes no responsibility whatsoever.
- 1.6. The HSF **FAI** policy is part of the HSF **APQP-PPAP** implementation policy. For a complete understanding of this document, it must be consulted with the HSF **APQP-PPAP** document.
- 1.7. **Risk Value:** Risk assessments are actively carried out for all production (procurement, manufacturing and quality control) processes carried out within the scope of the HSF **FAI** Policy, in this context the HSF **FAI** policy is considered **at least High Priority**, and it is essential to initiate **Corrective Action** for all **FAI**-related non-conformities.
- 1.8. *This training document establishes the requirements for performing and documenting **FAI**. According to the HSF **FAI** policy, the **FAI** process is complementary (not alternative) to customer and applicable statutory and regulatory requirements.*
- 1.9. *Unless otherwise specified in customer requirements, HSF **FAI** application is based on **SAE AS9102 (Rev.C)** standard.*
- 1.10. *HSF carries out all **FAI** processes through the ERP system and **FAI** forms.*

## 2. AMAC

- 2.1. **FAI**'nin temel amacı, ürün gerçekleştirme süreçlerinin mühendislik ve tasarım gereksinimlerini karşılayan özellikler üretebildiğini doğrulamak ve geçerliliğini sağlamaktır. Bununla birlikte bir **FAI** süreci ile HSF aşağıdakileri de amaçlar:
  - 2.1.1. Üretim başlangıcı ve süreç değişiklikleriyle ilişkili risk azaltma,
  - 2.1.2. Süreçlerde yaşanabilecek hataların azaltılması,

## 2. PURPOSE

- 2.1. *The primary purpose of **FAI** is to verify and validate that product realization processes are capable of producing characteristics that meet engineering and design requirements. However, through an **FAI** process, HSF also aims to:
  - 2.1.1. Risk mitigation associated with production startup and process changes,
  - 2.1.2. Reducing the errors that may occur in the processes,*

Document Number	HSF-TrainingE19	First Release Date	01.01.2025	Does Not Contain ITAR Controlled Data
Revision Number	02	Revision Date	23.10.2025	Cancelled Revision 01

- 2.1.3. Urun güvenilirliğinin garanti altına alınması,
- 2.1.4. Kalite, teslimat ve müşteri memnuniyetinin artırılması,
- 2.1.5. Urun uyumsuzluklarından kaynaklanan maliyetlerin ve üretim gecikmelerinin azaltılması,

**FAI, bir ürün kabul belgesi değildir.** FAI ve ürün kabulü, birbirine ilişkili olmakla birlikte ayrı faaliyetlerdir. FAI'nin odak noktası, ürün değerlendirmesi yoluyla üretim süreçlerinin doğrulanmasıdır. FAI ve destekleyici belgeler, ürün kabul amaçlarına uygunluk konusunda güvence sağlamaz; ayrıca, **FAI'nin olmaması, ürünün mühendislik ve tasarım gerekliliklerine uygun olmadığı anlamına gelmez.**

2.2. HSF APQP-PPAP politikasına göre, FAI süreci aşağıdakiler için güvence sağlar:

- 2.2.1. Özel süreçler de dahil olmak üzere güvenilir üretim süreci.
- 2.2.2. Ürünün müşteri ve/veya standartlar tarafından belirtilen şartlara uygun olduğuna dair somut kanıt.

**HSF ÜRETİM KAPASİTELERİNDE MONTAJLI PARÇA OLMADIGINDAN FAI FORMUNDA 13. BÖLÜM "DETAY" SECILI OLARAK SURECI YURUTUR.**

### 2.3. HSF FAI YONETIM DIAGRAMI

- 2.1.3. *Guaranteeing product reliability,*
- 2.1.4. *Increasing quality, delivery and customer satisfaction,*
- 2.1.5. *Reducing costs and production delays caused by product incompatibilities,*

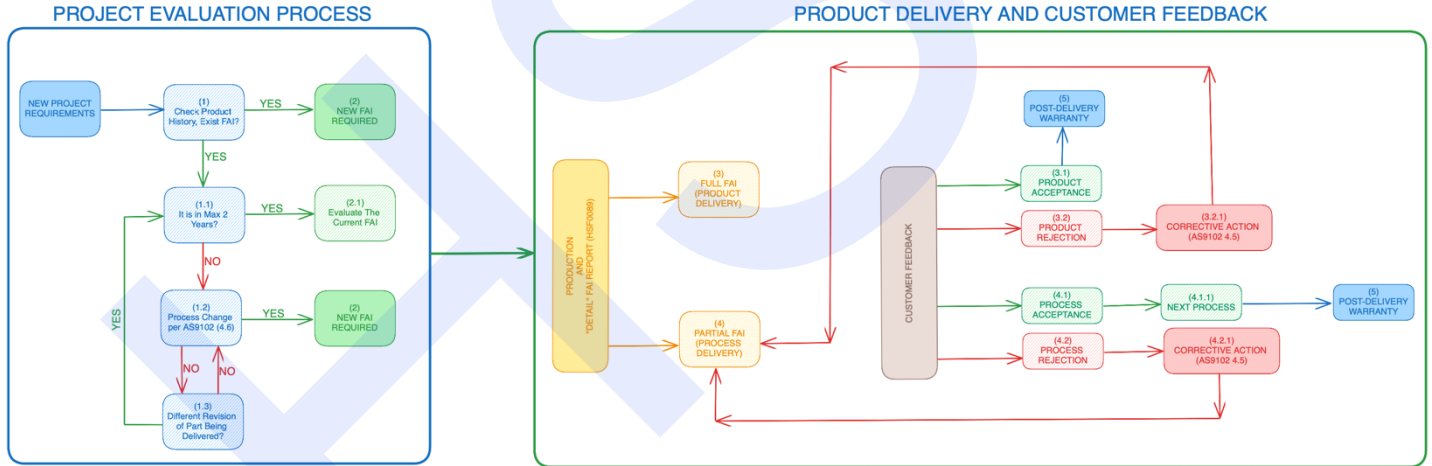
**A FAI is not a product acceptance document.** While interrelated, FAI and product acceptance are separate activities. The focus of FAI is verification of production processes via assessment of product. FAI and supporting documentation do not provide assurance regarding conformance for product acceptance purposes; **neither does the lack of a FAI necessarily imply product is nonconforming to engineering and design requirements.**

2.2. According to the HSF APQP-PPAP policy, the FAI process provides confidence for:

- 2.2.1. Dependable production process, including the special processes.
- 2.2.2. Concrete evidence that the product conforms to the requirements specified by the customer and/or standards.

**SINCE THERE ARE NO ASSEMBLED PARTS IN HSF PRODUCTION CAPABILITIES, THE FAI FORM PROCEEDS WITH SECTION 13 "DETAIL" SELECTED.**

### 2.3. HSF FAI MANAGEMENT DIAGRAM



# HSF SAVUNMA HAVACILIK LTD STI

## FAI FORM 1 - PART NUMBER ACCOUNTABILITY

AS9102 (REV.C)

- **(R) Required** - This is **mandatory** information. These fields are depicted in \* and **Mandatory Field** text.
- **(CR) Conditionally Required** - This field ***shall be completed when applicable*** to the product (e.g., serial number shall be entered when there is a serial number). ***When not applicable, may be left blank.*** These fields are depicted in **Cond. Required** text.
- **(O) Optional** - This field is provided for convenience; the field may be left blank. These fields are depicted in standard font.

**NOTE: SINCE THERE ARE NO ASSEMBLED PARTS IN HSF PRODUCTION CAPABILITIES, THE FAI FORM PROCEEDS WITH SECTION 13 "DETAIL" SELECTED.**

### FORM 1: PART NUMBER ACCOUNTABILITY

HSF REFERENCE NUMBER: \*

Mandatory Field

CUSTOMER REFERENCE NUMBER: \*

Mandatory Field

1. Part Number: \*

Mandatory Field

2. Part Name: \*

Mandatory Field

3. Serial Nr.:

Cond. Required

4. FAIR ID: \*

Mandatory Field

5. Part Revision Level:

Cond. Required

6. Drawing Number:

Cond. Required

7. Drawing Revision Level:

Cond. Required

8. Additional Changes:

Cond. Required

9. Mfg. Process Reference: \*

Mandatory Field

10. Org. Name: \*

Mandatory Field

11. Supplier Code:

12. Purchase Order Nr.:

14. FAI OPTION \*

FULL FAI  PARTIAL FAI

14.1. Baseline Part Number (including revision level): \*

14.2. Reason for Full / Partial FAI: \*

19. Does FAIR Contain a Documented Nonconformance(s)? \*

YES  NO

19.1. Upload The Document

Choose File No file chosen

**According to the 4.5 "Nonconformance Handling" Article of AS9102 (Rev.C):**

1. Record the nonconforming design characteristics on Form 3, "Characteristic Accountability, Verification, and Compatibility Evaluation."
2. Record the nonconformance document reference number on Form 3 (see field 11).
3. Check the "Yes" box on Form 1 [see field 19 - "Does FAIR Contain a Documented Nonconformance(s)"].
4. HSF shall implement corrective action(s) to correct the product realization process until it delivers the intended output (conforming design characteristics). This process may involve multiple iterations and must be managed through the HSF's quality management system within the context of the corrective action process.
5. Upon implementation of the corrective action, HSF shall conduct a partial/full FAI and, at a minimum, document the corrected nonconforming characteristics and any other characteristics affected by the corrective action.

20. FAIR Verified By: \*

21. Date

22. FAIR Reviewed/Approved By: \*

23. Date

24. Customer Approval:

25. Date

26. Comments:

COMPLETE THE FAI FORM 1

---

HSF Savunma Havacilik Ltd Sti Malikoy Baskent OSB, 19/13 Sincan, Ankara 06690, Turkiye  
Telephone: (312)6401021 projectmanagement@hsfsavunma.com

Form No: FAI-FORM-1 HSF0089 First Release Date: 01.01.2025 Revision No: 01 Revision Date: ----- Cancelled Revision: -----

# HSF SAVUNMA HAVACILIK LTD STI

## FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING

AS9102 (REV.C)

- **(R) Required** - This is **mandatory** information. These fields are depicted in \* and **Mandatory Field** text.
- **(CR) Conditionally Required** - This field ***shall be completed when applicable*** to the product (e.g., serial number shall be entered when there is a serial number). ***When not applicable, may be left blank***. These fields are depicted in **Cond. Required** text.
- **(O) Optional** - This field is provided for convenience; the field may be left blank. These fields are depicted in standard font.

**NOTE: This form is used if any materials, special processes, or functional testing are defined as a design characteristic.**

---

### FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING

1. **P:** Product/Process
2. **Cst.:** Customer
3. **App.:** Approval

HSF REFERENCE NUMBER: \*

Mandatory Field

CUSTOMER REFERENCE NUMBER: \*

Mandatory Field

P1-1. Part Number: \*

Mandatory Field

P1-2. Part Name: \*

Mandatory Field

P1-3. Serial Nr.:

Cond. Required

P1-4. FAIR ID: \*

Mandatory Field

P1-5. Material or Process Name:

P1-6. Specification Number:

**P1 5. Material or Process Name:**

**P1 6. Specification Number:**

**P1-7. Code:**

**P1-8. Supplier:**

Cond. Required

**P1-9. Cst. App. Verification:**

Cond. Required

**P1-10. CoC Number:**

Cond. Required

**P1-11. Functional Test Procedure Number:**

Cond. Required

**P1-12. Acceptance Report Number:**

Cond. Required

**P1-13: Comments**

COMPLETE THE FAI FORM 2

---

HSF Savunma Havacilik Ltd Sti Malikoy Baskent OSB, 19/13 Sincan, Ankara 06690, Turkiye

Telephone: (312)6401021 projectmanagement@hsfsavunma.com

Form No: FAI-FORM-2 HSF0089 First Release Date: 01.01.2025 Revision No: 01 Revision Date: ----- Cancelled Revision: -----

# HSF SAVUNMA HAVACILIK LTD STI

## FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION FORM

AS9102 (REV.C)

- **(R) Required** - This is **mandatory** information. These fields are depicted in \* and **Mandatory Field** text.
- **(CR) Conditionally Required** - This field ***shall be completed when applicable*** to the product (e.g., serial number shall be entered when there is a serial number). ***When not applicable, may be left blank***. These fields are depicted in **Cond. Required** text.
- **(O) Optional** - This field is provided for convenience; the field may be left blank. These fields are depicted in standard font.

**NOTE: This form is used to record inspection results for the design characteristics and to document any applicable nonconformances (see 4.5).**

### FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION FORM

1. **P:** Product/Process
2. **Ref.:** Reference
3. **Loc.:** Location

HSF REFERENCE NUMBER: \*

Mandatory Field

CUSTOMER REFERENCE NUMBER: \*

Mandatory Field

P1-1. Part Number: \*

Mandatory Field

P1-2. Part Name: \*

Mandatory Field

P1-3. Serial Nr.:

Cond. Required

P1-4. FAIR ID: \*

Mandatory Field

---

**CHARACTERISTIC ACCOUNTABILITY**

P1-5. Char. No.: \*

Mandatory Field

P1-6. Ref. Loc.:

Cond. Required

P1-7. Characteristic Designator:

Cond. Required

P1-8. Requirement: \*

Mandatory Field

---

**INSPECTION / TEST RESULTS**

P1-9. Results: \*

Mandatory Field

P1-10. Designed/Qualified Tooling:

Cond. Required

P1-11. Nonconformance Number:

Cond. Required

P1-12. Additional Data/Comments:

COMPLETE THE FAI FORM 3

HSF Savunma Havacilik Ltd Sti Malikoy Baskent OSB, 19/13 Sincan, Ankara 06690, Turkiye  
Telephone: (312)6401021 projectmanagement@hsfsavunma.com

Form No: FAI-FORM-3 HSF0089 First Release Date: 01.01.2025 Revision No: 01 Revision Date: ----- Cancelled Revision: -----