



TYPE-CERTIFICATE DATA SHEET

No. P.117

for Propeller

KS-F3

Type Certificate Holder

TECHNOFLUG
Leichtflugzeugbau GmbH & Co. KG
Bahnhofstraße 20/1
78669 Wellendingen
Germany

For Models: KS-F3



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I. General

1. Type/ Model

KS-F3

2. Type Certificate Holder

TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG
Bahnhofstraße 20/1
78669 Wellendingen
Germany

AP DOA: EASA.AP182

3. Manufacturer

TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG

4. Date of Application

20th June 1997

Note: Application was made to EASA Member States before EASA was established. Refer to Commission Regulation (EU) No 748/2012. These propeller models are EASA certified based on member states approvals prior to EASA existence.

5. EASA Type Certification Date

07th November 2000

Note: KS-F3 had been certified by LBA Germany (TC/TCDS 32.110/23).
This TCDS replaces LBA TCDS No 32.110/23.
Transfer date to EASA Type Certificate: 12 June 2023



II. Certification Basis

1. State of Design Authority Certification Basis

n.a.

2. Reference Date for determining the applicable airworthiness requirements

20th June 1997

3. EASA Certification Basis

3.1. Airworthiness Standards

JAR-22 Change 5 from 28.10.1995, Subpart J

3.2. Special Conditions

None

3.3. Equivalent Safety Findings

None

3.4. Deviations

None



III. Technical Characteristics

1. Type Design Definition

Drawing "KS-F3-1000", revision B of 20th September 2000 or later approved revision.

2. Description

The KS-F3 is a forward folding two-blade folding propeller, metal hub, fibre-reinforced plastic blades and spinner.

3. Equipment

n.a.

4. Dimensions

Propeller Diameter from 100 cm to 140 cm

5. Weight

Propeller weight: ca. 5,5 kg

6. Hub/Blade-Combinations

n.a.

7. Control System

n.a.

8. Adaptation to Engine

Hub with 6 bolts 7/16"-20 UNF on a circular pitch of 80 mm

9. Direction of Rotation

According to propeller designation



IV. Operating Limitations

KS-F3-...	Maximum Take-Off Power and Speed		Maximum Continuous Power and Speed	
	[kW]	[1/min]	[kW]	[1/min]
	43	3.200	43	3.200

V. Operating and Service Instructions

Manuals	German	English
Operator and maintenance Manual	Betriebs- und Wartungshandbuch Nr. P5*	Operating and Service Instruction Nr. P5*

Instructions for Continued Airworthiness (ICA)	German	English
Operator and maintenance Manual	Betriebs- und Wartungshandbuch Nr. P5*	Operating and Service Instruction Nr. P5*

(*): latest approved revision



VI. Notes

1. The suitability of the propeller for usage in a specific powered sailplane/engine-combination has to be demonstrated in the type certification of the aircraft.
2. The maximum permitted lifetime of the propeller according to Operation and Maintenance Manual P5
3. Propeller designation system

KS – F 3 – 1 A / (140) – ()
(1) (2) (3) (4) (5) (6) (7)

(1) Manufacturer TECHNOFLUG

(2) F = Folding propeller

(3) Nr. of the propeller type

(4) Nr. of the model of the propeller type

(5) Data of the hub version

A= Hub with 6 bolts 7/16"-20 UNF on a circular pitch of 80 mm for Sauer or Limbach engine

(6) Propeller diameter in „cm“ (according to the propeller certification)

(7) Data of the blade version which does not affect the certification of the propeller



SECTION: ADMINISTRATIVE

I. Acronyms and Abbreviations

n.a.

II. Type Certificate Holder Record

Since December 2018:
TECHNOFLUG Leichtflugzeugbau GmbH & Co. KG
Bahnhofstraße 20/1
78669 Wellendingen
Germany

Until December 2018:
TECHNOFLUG Leichtflugzeugbau GmbH
Dr.-Kurt-Steim-Str. 6
78713 Schramberg
Germany

III. Change Record

Issue	Date	Changes	TC Issue No.& Date
Issue 01	12 June 2023	Initial Issue due to change in TC holder address	Initial Issue, 12 June 2023

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