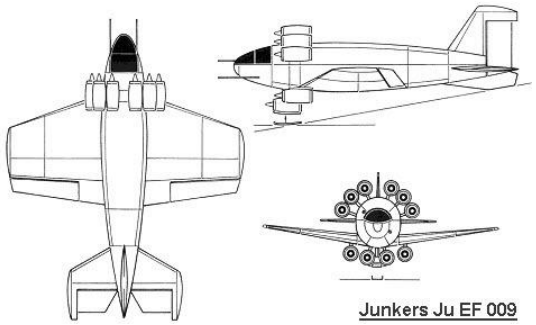
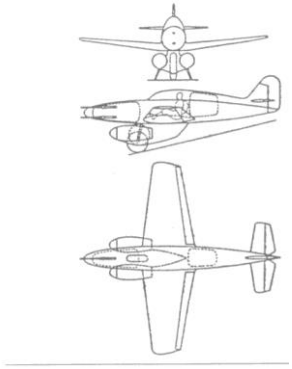
Project list Junkers

EF 009 Multi reactor fighter



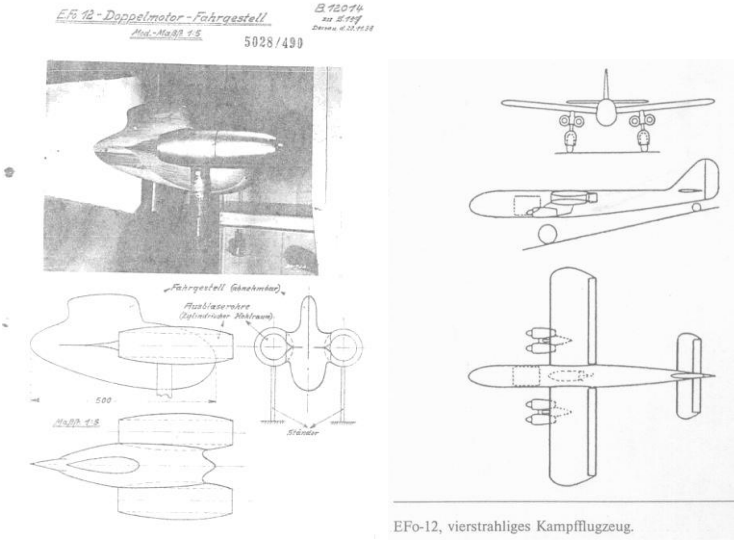
Junkers Ju EF 009

EF 11 Jet Fighter



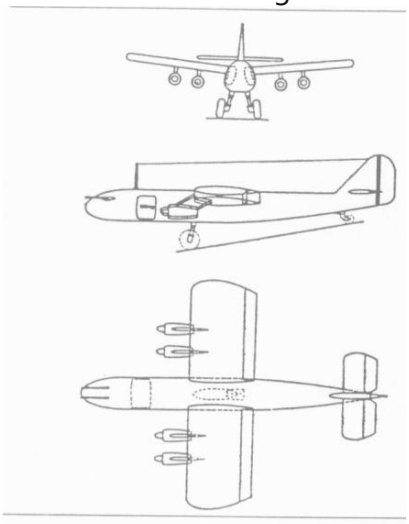
EFo-11, zweistrahliger, einsitziger Jäger.

EF 12 4 motors configuration



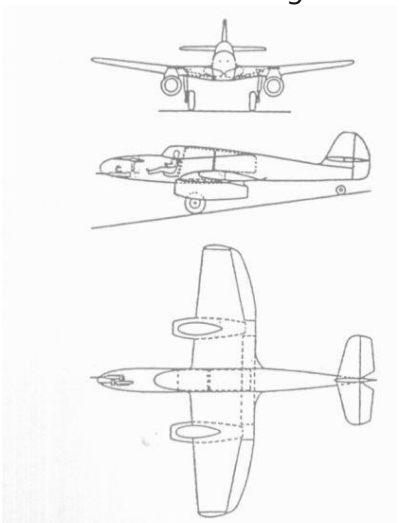
EFo-12, vierstrahliges Kampfflugzeug.

EF 15 4 motors configuration



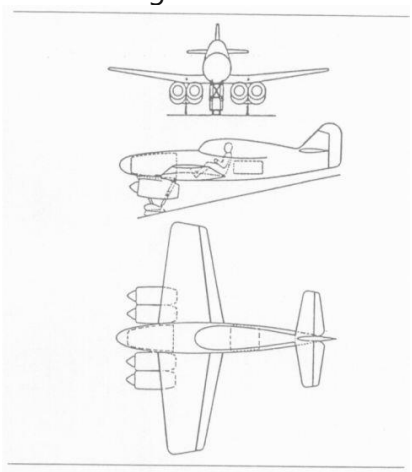
EFo-15, vierstrahliges Kampfflugzeug.

EF 17 Two reactors Fighter



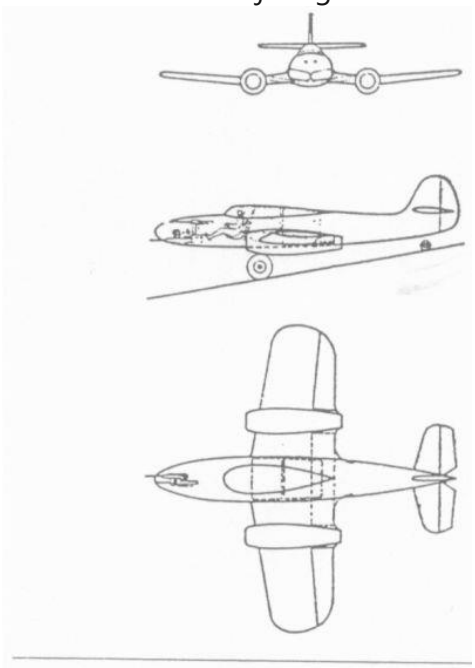
EFo-17, zweistrahliger, einsitziger Jäger.

EF 18 Jet fighter



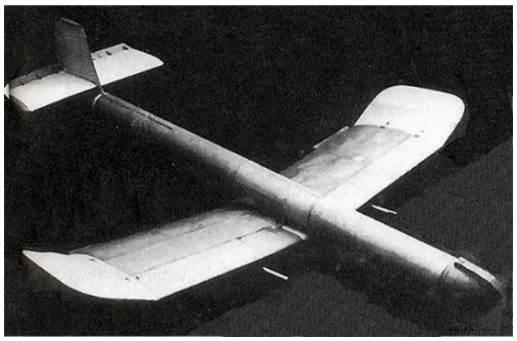
EFo-18, Objektschutzjäger, vierstrahlig und einsitzig.

EF 19 Two motors jet fighter

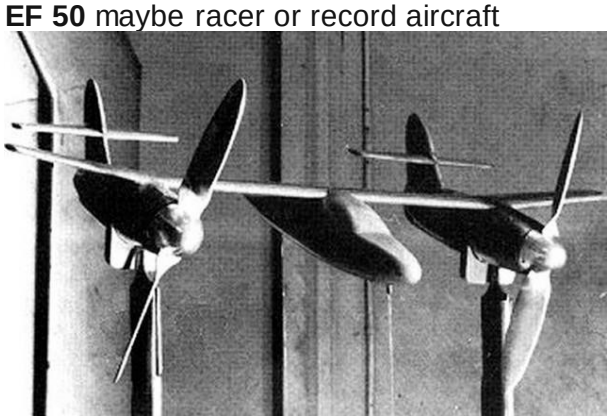


EFo-19, zweistrahliger, einsitziger Jäger.

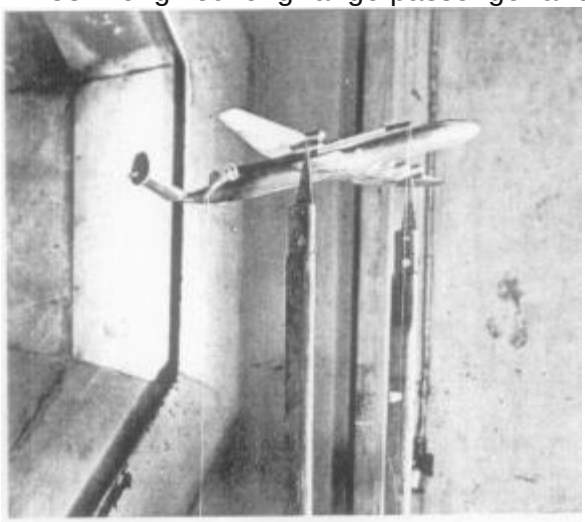
EF 43 Glide bomb ?



EF 50 maybe racer or record aircraft

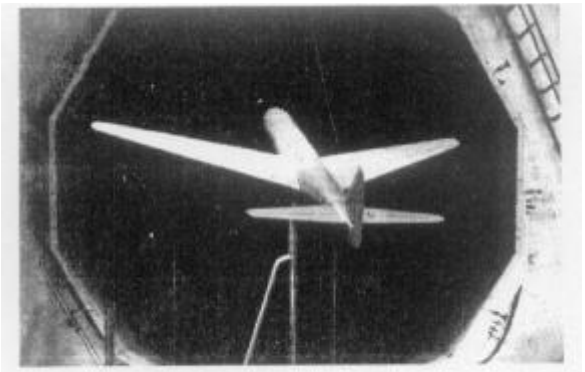


EF 53 4-engined long range passenger aircraft



EF 53, viermotoriges Langstreckenflugzeug.

EF 55 used to measure the effects of negative sweep angles, pre-study for Ju 287, 1943/44

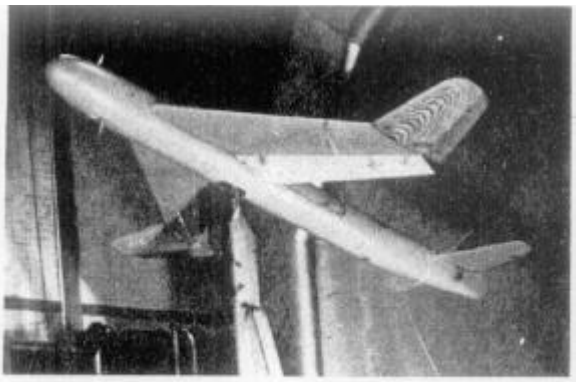


EF 55, Versuchsmodell mit negativer Pfeilung des Flügels.

EF 56 used to measure the effects of positive sweep angles, pre-study for Ju 287, 1943/44

EF 56, Versuchsmodell mit positiver Pfeilung des Flügels.

EF 57 used to measure the effects of positive sweep angles and wingtips with dihedral, 1943

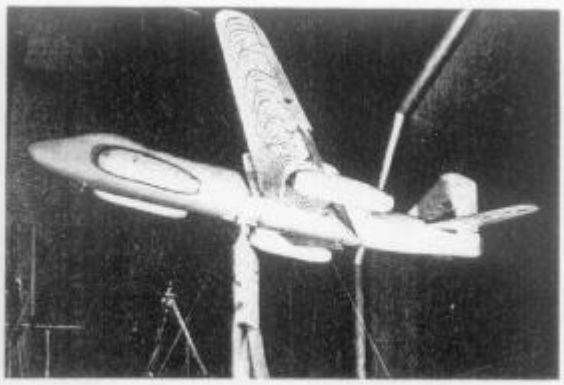


EF 57, Rückwärts gepfeilter Tragflügel mit abreißsicheren Außenteilen.

EF 58 elliptical wing model, 1943

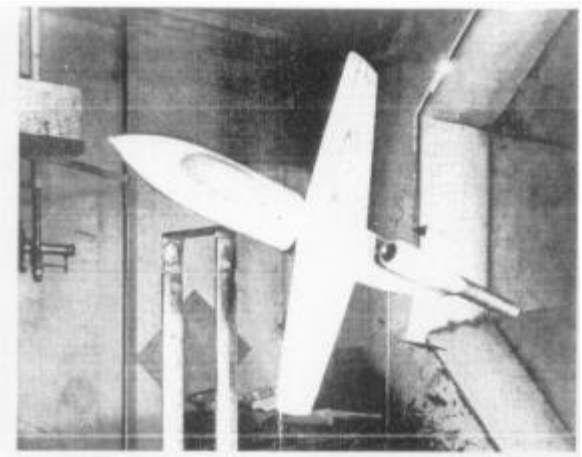
EF 58, elliptisch geformter Flügel (August 1943).

EF 59 4-engined jet aircraft with negative sweep angle, already similar to Ju 287



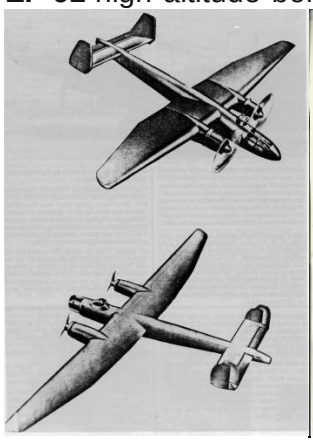
EF 59. Dieses Modell entpricht in der Formgebung schon weitgehend der Ju 287.

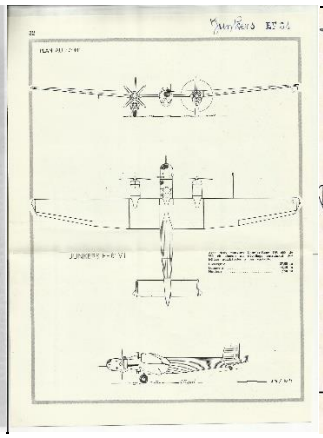
EF 60 see EF 126

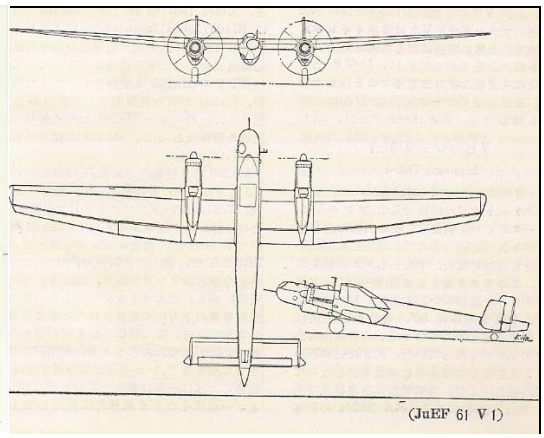


EF 60 Einfachjäger, ähnlich der V1 mit Argus-Schubrohr.

EF 61 high-altitude bomber







(JuEF 61 V 1)

EF 62 single seat, tailless fighter with jet engine (see EF 62 and EF 128), 1944

EF 62/63, schwanzloser Jagdeinsitzer.

EF 63 single seat, tailless fighter with jet engine (see EF 63 and EF 128), 1944

EF 65 single engined attack aircraft, 1939 design, a single seat ground attack aircraft with a BMW 801 powerplant

EF 66 used to find the optimal layout for Ju 287

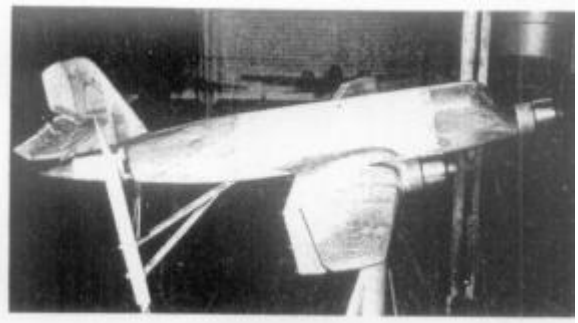
EF 66. Suche nach der günstigsten Auslegung für die Ju 287.

EF 68 used to measure the optimal position for jet engines

EF 68. Suche nach günstigstem Abstand der Strahltriebwerke vom Rumpf.

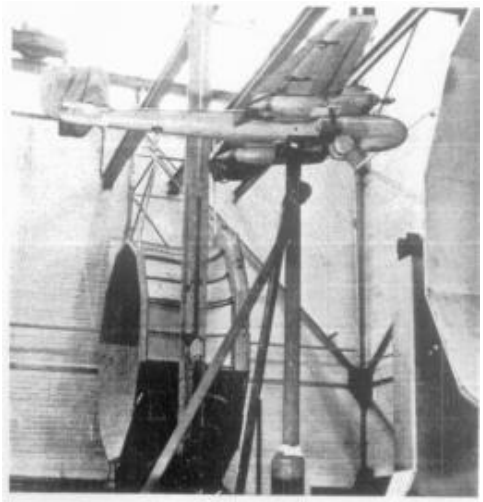
EF 71-5 twin-boom model, used for wingtip vortex research

EF 72 Ju 252



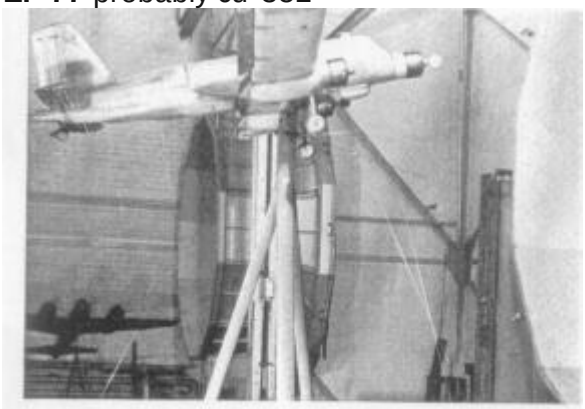
EF 72. Modell einer dreimotorigen Ju 252.

EF 73 study, which led to the Ju 88



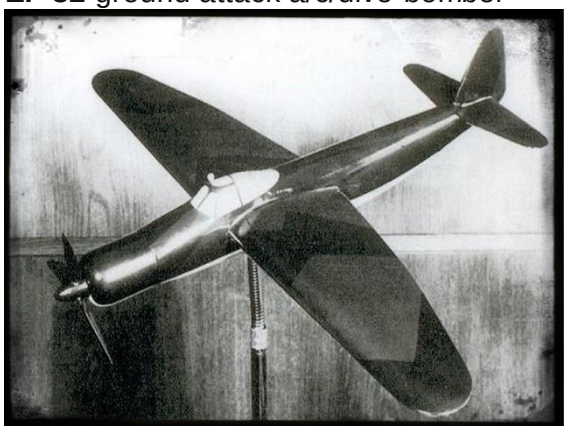
EF 73. Vorläufer der Ju 88, im Oktober 1938 im Windkanal.

EF 77 probably Ju 352



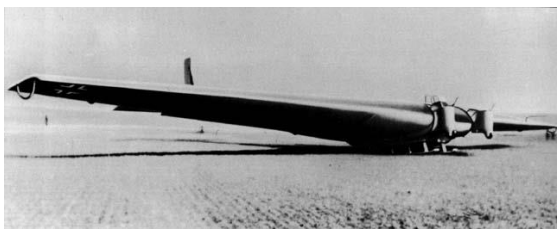
EF 77. Wahrscheinlich Windkanalmodell der Ju 352.

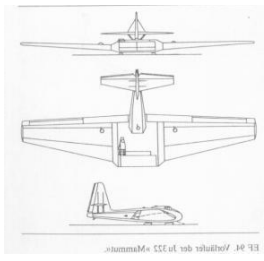
EF 82 ground attack a/c/dive bomber



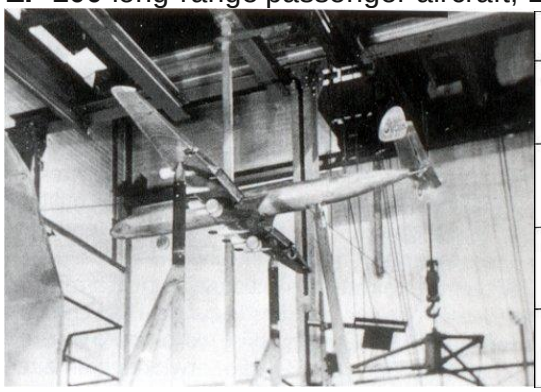
EF 85 ground attack a/c/dive bomber, EF65 development

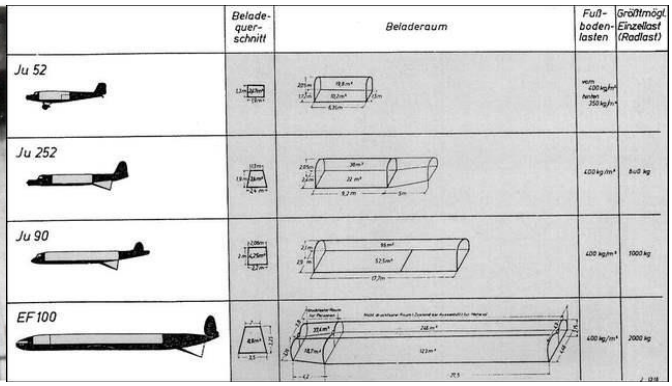
EF 94 transport glider Ju 322 Mammut



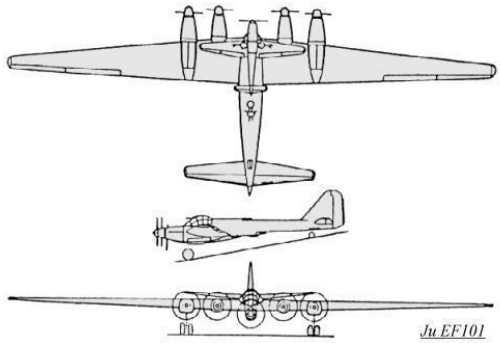


EF 100 long range passenger aircraft, 1940

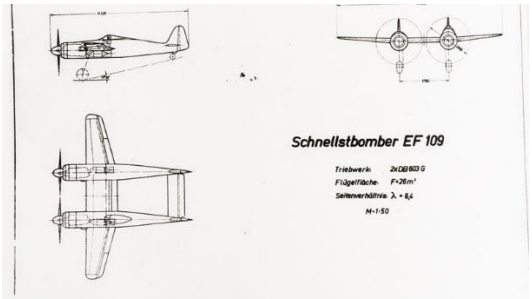




EF 101 large a/c for carriage of a recce a/c underneath, 1942

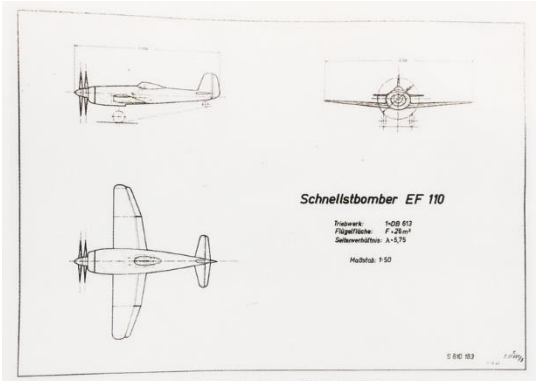


EF 109 Fast bomber



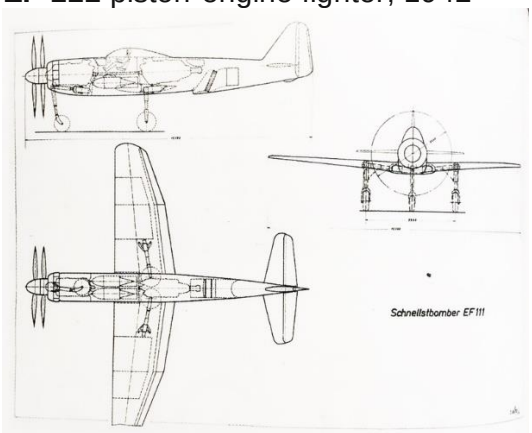
ABOVE: The Junkers EF 109 twin fuselage Schnellstbomber. At a meeting on November 13, 1942, it was decided that this was the optimal layout for an unarmed bomber capable of outpacing the best fighters the Allies had to offer. The drawing is dated December 10, 1942

EF 110 Fast bomber

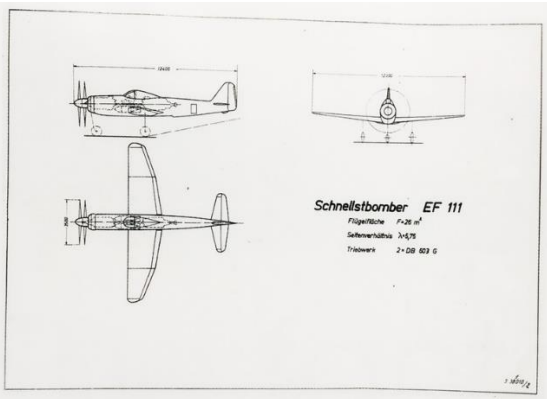


ABOVE: Putting two linked DB 603s, a DB 613, in the EF 110's nose gave it an extremely wide forward fuselage but expected performance was still calculated to be slightly better than that of the EF 109.

EF 111 piston engine fighter, 1942

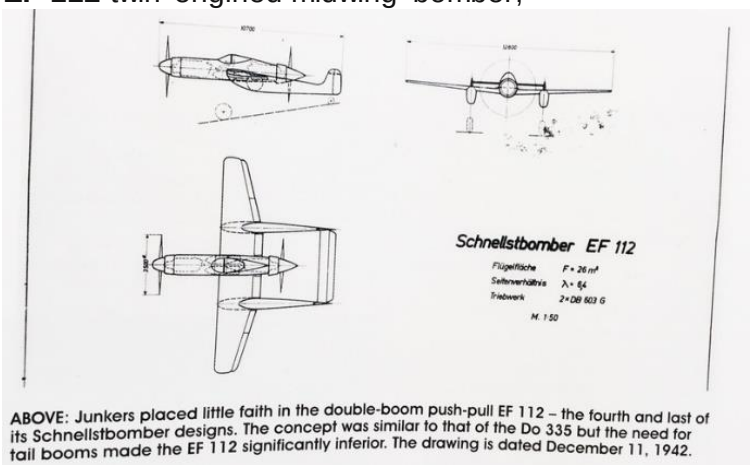


ABOVE: The second drawing of the EF 111 with a slightly reduced wingspan. Neither EF 111 drawing is dated but it seems likely that both were drafted between December 10 and December 11, 1942.



ABOVE: Junkers technical director Heinrich Hertel believed that the EF 111's single fuselage, twin engine, double prop layout was superior to the double fuselage layout of the EF 109. The design was dropped before it could be pitted against Dornier's push-pull P 231, which went on to become the Do 335.

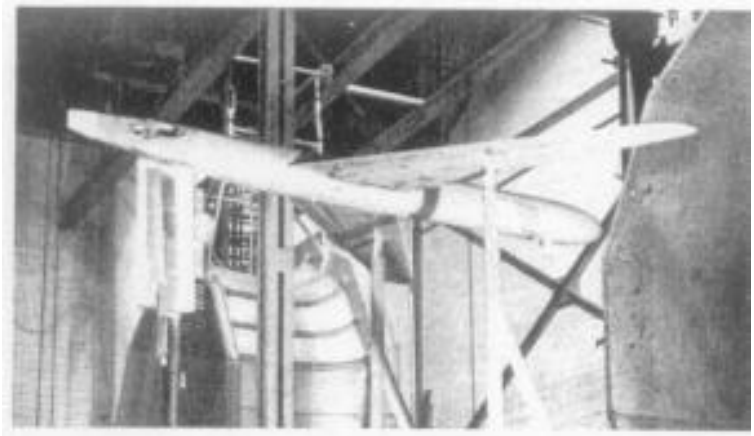
EF 112 twin engined midwing bomber,



ABOVE: Junkers placed little faith in the double-boom push-pull EF 112 – the fourth and last of its Schnellstbomber designs. The concept was similar to that of the Do 335 but the need for tail booms made the EF 112 significantly inferior. The drawing is dated December 11, 1942.

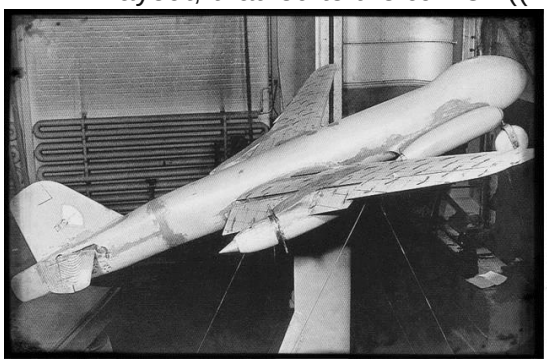
EF 115 Piston engeinde fighter

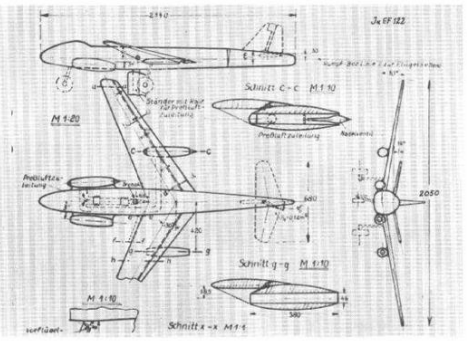
EF 116 used to measure the effects of different sweep angles, 1943



EF 116. Modell zum Vermessen der Flügelumströmung am stark vorwärts- oder rückwärts gepfeilten Tragflügel.

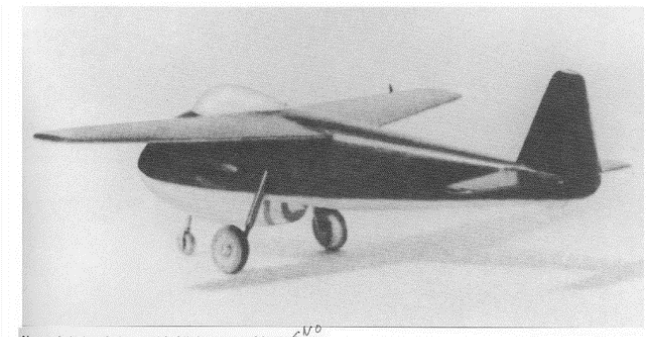
EF 122 layout, that led to the Ju 287 ((EF numbers in the 50/60 range were used, too!)





Ju EF 122
Factory drawing indicating method of airflow measurement with simulated exhaust flow built into test model.

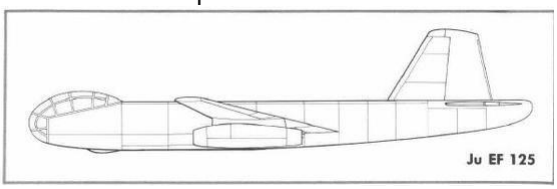
EF 123 Miniature Fighter



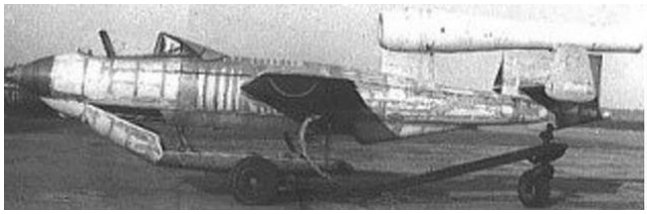
Above: A Junkers factory model of their unsuccessful entry for the Volksjager specification, probably the Ju EF 123 or 124?

EF 125 Ju 287 development

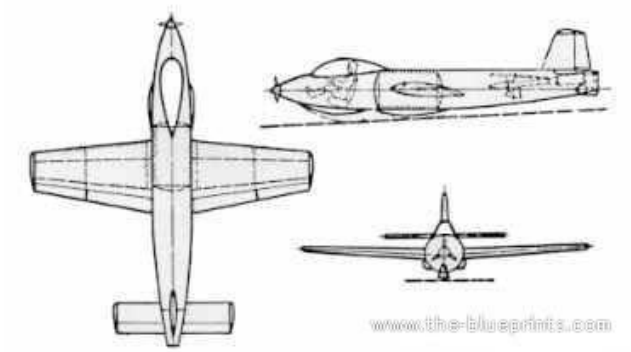
Ju EF 125 project ... to employ two ... 012 or BMW ... turbojets. Construction was to have been carried out by DFS under the designation Ju 287 B-2 (V6). See p. 25).



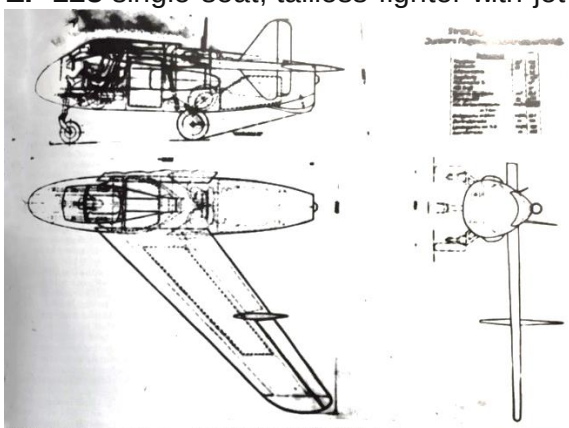
EF 126 "Elly", pulse jet powered attack/fighter a/c (identical to EF 60 ?)



EF 127 "Walli", rocket powered short range interceptor



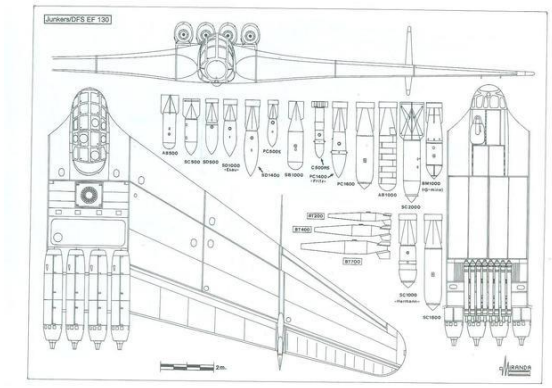
EF 128 single seat, tailless fighter with jet engine (see EF 62 and EF 63), 1944



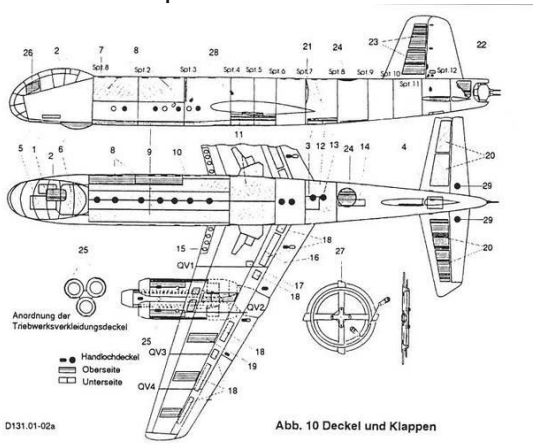
ABOVE: The EF 128 as it appeared at the February 27-28 meeting. The design had changed little since January but was different from the December version in having a reprofiled nose, longer wings and a different tail skid.

EF 130 Fighter with contra propeller

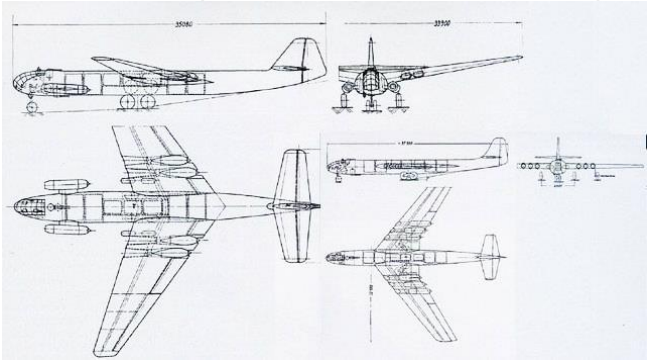
EF 130 four jet engines powered flying wing bomber

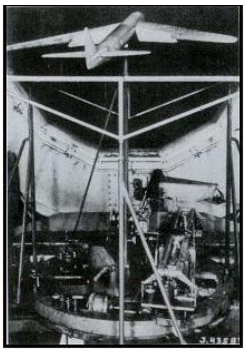


EF 131 development of the Ju 287



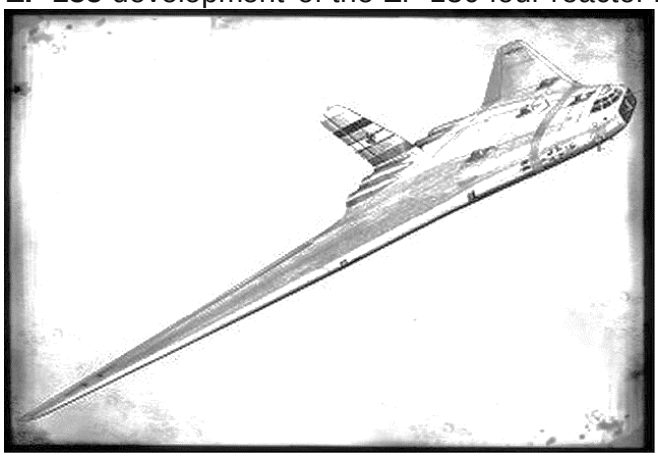
EF 132 development of the Ju 287 with swept back wings

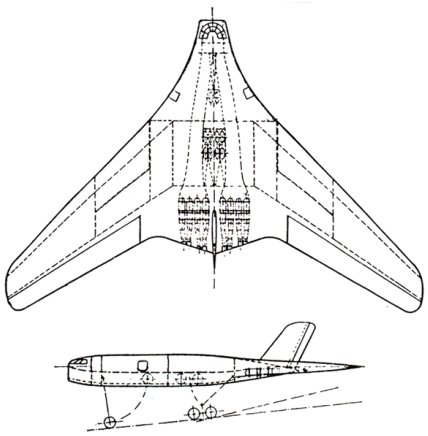




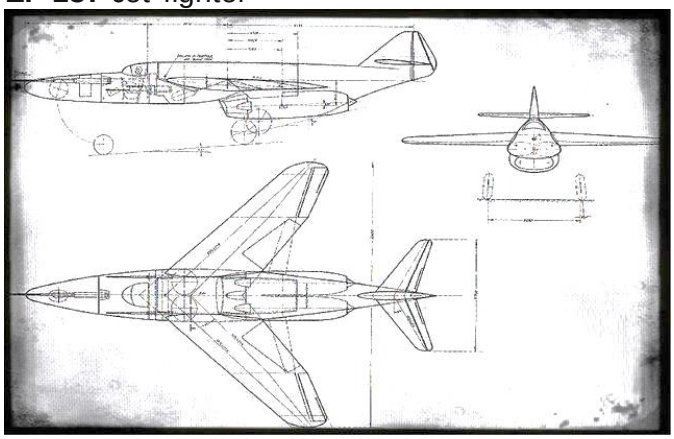
EF 135 probably development of the EF 130 fighter piston engines

EF 135 development of the EF 130 four reactor flying wing bomber





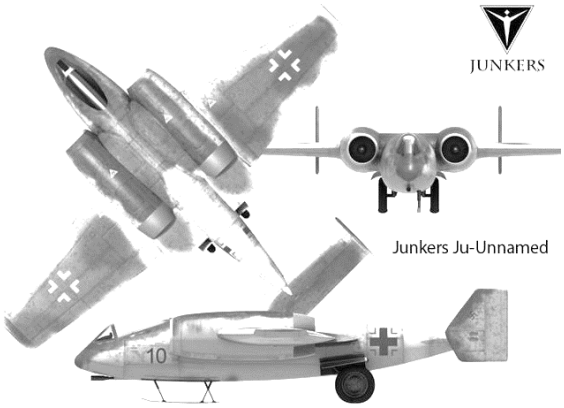
EF 137 Jet fighter



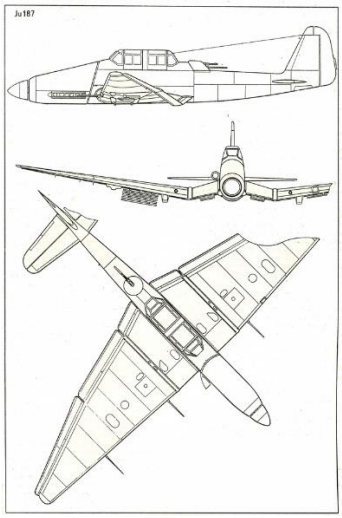
EF 140 fast recce a/c based on the EF 131

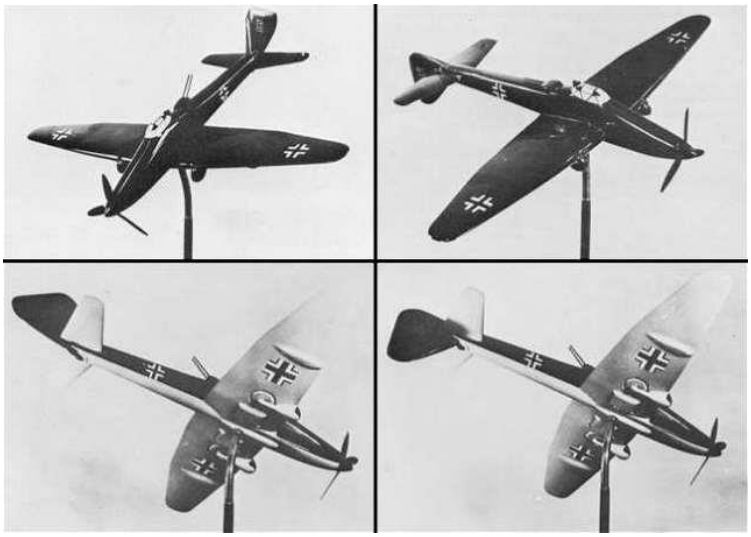
EF 150 bomber with swept wings and two jet engines

Ju SFD ground attack bomber



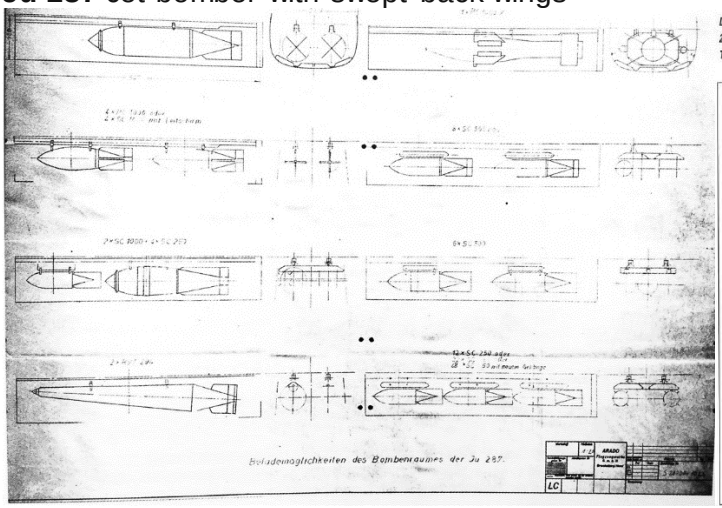
Ju 187 Stuka successor



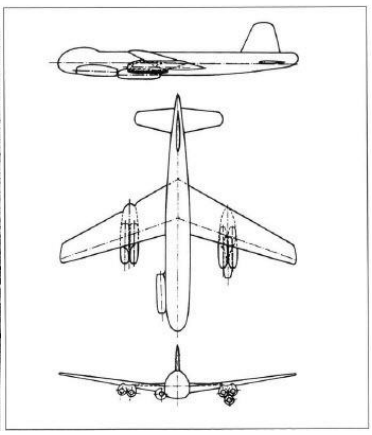


Ju 248 rocket powered short range interceptor

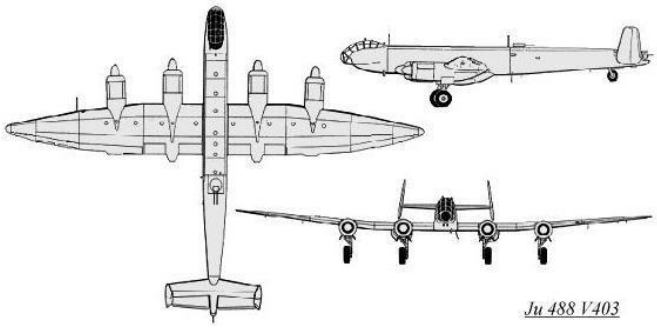
Ju 287 Jet bomber with swept back wings



Dreiseitenrissskizze Ju 287 S mit unterschiedlichen Triebwerksanordnungen.



Ju 488 Four motor bomber



Ju 488 V403