

European aviation magazines

Nov. 2019

Defect seat belts of airplanes, helicopters or gliders often hold the aircrafts and the owner or the operator on ground.

Dear Sir or Madam

pilots or aircraft owners often have problems with their seat belts like functional problems or very long delivery times.

In General:

The airplanes, helicopter or glider with these defect seat belts will be grounded and the pilot or owner or operator can not use these aircraft.

Specially the seat belts of the US-american Manufacturers have a long lead time or time for overhaul of the seat belts. Often it needs 3 month and sometimes the seat belts have to be send back again because something is wrong.

We do not want that the pilot, owner or operator can not use his aircraft and so we worked out a system together with the EASA to Repair and Maintain the Safety Belts of airplanes, helicopter and glider.

For this we acquired the machines, plants and spare parts of a former aircraft seat belt repair station (145-Company). In better condition and optimized plant in Adelebsen (near Göttingen/Hannover) we have build this optimized plant and we have got the Approval as 145-Company to maintain aircraft seat belts from the german authority Luftfahrtbundesamt (LBA).

Aircraft seat belt maintenance in the USA for in „Europe“ registered aircraft is only permitted if 1. the Original Equipment Manufacturer (OEM) is maintaining his own seat belts or 2. if the maintaining company in the USA has an EASA-Approval for maintaining seat belts. In 99% of all companies in the USA the maintaining companies have no EASA-Approval.

Old-timer:

Very often the aircraft seat belts have to be maintained but the OEM is not more existing but the original seat belts should be conserved in the original Form. Here we can help very often.

The present situation and the situation in the past:

Aircraft seat belts are TSO-Parts and in Europe E-TSO-Parts.

These can be only maintained from the OEM or special by the EASA approved Maintenance Companies.

With founding of the EASA nearly all Seat Belt Maintenance Companies in Europe or the department Seat belt Maintenance of these Companies were closed because they were not working conform to the requirements of the EASA.

Today we maintain the seat belts of 9g-aircraft (designed new before 1988) like Airbus A320 or Cessna 172 (excluding S and R) with a "Minor Change" from DOA.

New aircraft designed after 1988 have to get an STC.

Lifetime/TBO:

Some Seat Belt Manufacturer deliver their aircraft seat belts with a TBO of 12 years and some with a life time of 10 years (Cessna).

Some Seat Belt Manufacturer in the USA deliver their aircraft seat belts without TBO and without life time. The seat belts are flying "On Condition".

In practice it seems that the seat belts flying „On Condition" (without TBO or Life Time) are checked more and more precise so that they will be maintained in some cases more often than seat belts wit TBO or with Life Time.

Conclusion:

Regardless which problem the pilot, owner or operator has, **ASF Engineering GmbH/ASF SafetyBelts** is a good and fast partner to hold the airplanes, helicopters and gliders flying.

At the moment we work together with the EASA for an ASF-STC to be allowed to maintain aircraft seat belts for new and modern aircraft like Airbus A 350/A380 oder Boeing B787, Cessna 172 S or R.

For this we will inform you on our web side.

With kind regards

M. Schrick

Diplom-Ingenieur

ASF Engineering GmbH

P.S.: For your Press-Work you find „downloads" on our Website under the point "Press"

The PDF's are copyable to translate them with "Google" into your language.

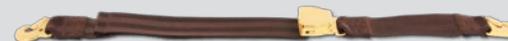
Anlage/Attachments: Map with Information

All important about
Safety Belts, Lap Belts and Harnesses
UL, VLA, VLR, SLA, CS/JAR/FAR 23, 25, 27, 29 + CS/JAR



Always keep the horizon - with:
ASF  Safety Belts[®]

A Brand of ASF Engineering GmbH ©





Scheibe Bergfalke 2/55

Konstrukteur / Designer: Egon Scheibe
 Klasse / Class: Doppelsitzer / Double Seater
 Erstflug / Maiden Flight: 1964
 Hersteller / Manufacturer: Scheibe-Flugzeugbau GmbH



CS22



Grunau Baby IIb

Konstrukteur / Designer: Edmund Schneider
 Klasse / Class: Einzelsitzer / Single Seater
 Erstflug / Maiden Flight: 1931
 Hersteller / Manufacturer: Verschiedene / Various



CS22



Schleicher ASK 13

Konstrukteur / Designer: Rudolf Kaiser
 Klasse / Class: Doppelsitzer / Double Seater
 Erstflug / Maiden Flight: 1966
 Hersteller / Manufacturer: Alexander Schleicher GmbH & Co



CS22



Rolladen Schneider LS4

Konstrukteur / Designer: Wolf Lemke
 Klasse / Class: Einzelsitzer / Single Seater
 Erstflug / Maiden Flight: 1980
 Hersteller / Manufacturer: DG Flugzeugbau GmbH



CS22



Schempp-Hirth Duo Discus

Konstrukteur / Designer: Schempp-Hirth
 Klasse / Class: Doppelsitzer / Double Seater
 Erstflug / Maiden Flight: 1993
 Hersteller / Manufacturer: Schempp-Hirth Flugzeugbau GmbH



CS22



Scheibe SF 25 Falke

Reismotorsegler / Touring Motor Glider

Konstrukteur / Designer: Egon Scheibe
 Klasse / Class: Doppelsitzer / Double Seater
 Erstflug / Maiden Flight: 1963
 Hersteller / Manufacturer: Scheibe-Flugzeugbau GmbH



CS22



CASA (Bücker) 131 E Serie 2000 Jungmann

Konstrukteur / Designer: Carl Bücker (Bücker Bü 131)
 Klasse / Class: Schulflugzeug / Trainer Aircraft
 Erstflug / Maiden Flight: 1934
 Hersteller / Manufacturer: CASA (Construcciones Aeronáuticas S.A.)



CS23



de Havilland Canada DHC-1 Chipmunk

Konstrukteur / Designer: Wiesławod Jankliuk
 Klasse / Class: Schulflugzeug / Trainer Aircraft
 Erstflug / Maiden Flight: 1946
 Hersteller / Manufacturer: de Havilland Aircraft of Canada Ltd.



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Piper PA-28-181 Archer II

Konstrukteur / Designer: Karl Bergey, Fred Weick und John Throp
 Klasse / Class: Leichtflugzeug / Light Aircraft
 Erstflug / Maiden Flight: 1960
 Hersteller / Manufacturer: Piper Aircraft Corporation



Cessna 152

Konstrukteur / Designer: Cessna
 Klasse / Class: Schulflugzeug / Trainer Aircraft
 Erstflug / Maiden Flight: 1957
 Hersteller / Manufacturer: Cessna Aircraft Company Inc.



Cessna 172 Skyhawk

Konstrukteur / Designer: Cessna
 Klasse / Class: Leichtflugzeug / Light Aircraft
 Erstflug / Maiden Flight: 1955
 Hersteller / Manufacturer: Cessna Aircraft Company Inc.



Cessna 210 Centurion

Konstrukteur / Designer: Cessna
 Klasse / Class: Reiseflugzeug / Cruise Aircraft
 Erstflug / Maiden Flight: 1957
 Hersteller / Manufacturer: Cessna Aircraft Company Inc.



Morane-Saulnier (Socata) MS 893

Konstrukteur / Designer: Morane-Saulnier
 Klasse / Class: STOL-Flugzeug / STOL Aircraft
 Erstflug / Maiden Flight: 1959
 Hersteller / Manufacturer: SOCATA (Daher Airplane)



Pilatus PC-6/B2 Porter

Konstrukteur / Designer: Pilatus
 Klasse / Class: STOL-Flugzeug / STOL Aircraft
 Erstflug / Maiden Flight: 1959
 Hersteller / Manufacturer: Pilatus Aircraft Ltd.



Beechcraft 200 Super King Air

Konstrukteur / Designer: Beechcraft
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1972
 Hersteller / Manufacturer: Textron Aviation Inc.



Cessna 208 Caravan

Konstrukteur / Designer: Cessna
 Klasse / Class: Zubringerflugzeug / Feeder Aircraft
 Erstflug / Maiden Flight: 1982
 Hersteller / Manufacturer: Cessna Aircraft Company Inc.





Learjet 35 A

Konstrukteur / Designer: Learjet
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1976
 Hersteller / Manufacturer: Bombardier Aerospace



Learjet 55

Konstrukteur / Designer: Learjet
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1979
 Hersteller / Manufacturer: Bombardier Aerospace



Cessna Citation II (Model 550)

Konstrukteur / Designer: Cessna
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1977
 Hersteller / Manufacturer: Cessna Aircraft Company Inc.



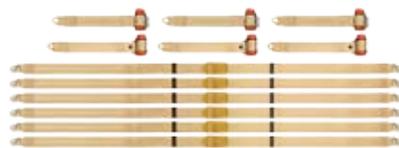
Bombardier Challenger 604

Konstrukteur / Designer: William P. Lear
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1978 (Challenger 600)
 Hersteller / Manufacturer: Bombardier Aerospace



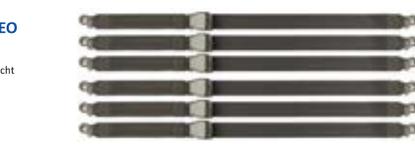
Dassault Falcon 900B

Konstrukteur / Designer: Dassault
 Klasse / Class: Geschäftsreiseflugzeug / Businessjet
 Erstflug / Maiden Flight: 1985
 Hersteller / Manufacturer: Dassault Aviation



Airbus A320 Family - A319 - A321 + A320 NEO

Konstrukteur / Designer: Airbus
 Klasse / Class: Passenger a. Cargo / Passagier u. Fracht
 Erstflug / Maiden Flight: 1987
 Hersteller / Manufacturer: Airbus S.A.S.



Schweizer™ S-300C™ (Hughes 269C)

Konstrukteur / Designer: Hughes Helicopters
 Klasse / Class: Leichtubschrauber / Light Helicopter
 Erstflug / Maiden Flight: 1969
 Hersteller / Manufacturer: Schweizer / Sikorsky Aircraft Corporation



MBB Bo 105

Konstrukteur / Designer: Ludwig Bölkow und Emil Weiland
 Klasse / Class: Mehrzweckhubschrauber / Utility Helicopter
 Erstflug / Maiden Flight: 1967
 Hersteller / Manufacturer: Messerschmitt-Bölkow-Blomh



Maintenance Organisation according to EASA Part 145: DE.145.0020

Design Organisation according to EASA Part 21: EASA.21J.596 P

Services for General Aviation & Airliner

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