

2.4 Landing gear

2.4.1 Main landing gear

The main wheel consist of:

Rim: either:

- a) Tost 5" SBP Penta 125-77,5-1 1/4"
EB 77,5 mm, Lager 30 mm, GB 120 mm, BS 162 mm
P/N Co. Tost: 055572
- b) Cleveland 40-78B
P/N Co. Tost: 075100

Tyre: either:

- a) 5.00-5 6PR Condor, P/N Co. Tost: 065091
- b) 5.00-5 6PR Michelin AIR, P/N Co. Tost: 067511
- c) Alternatively comparable but certified tyres 5.00-5 6PR can be fitted as long as they match the tolerances in terms of shape and size. They also need to fit into the wheel attachment fork and must not interfere with the landing gear elements or structure.

Tube: For Tost rim e.g.:
5.00-5 valve 90° TR87, P/N Co. Tost: 065995

For Cleveland rim e.g.:
5.00-5 valve 90° TR67, P/N Co. Tost: 065092

Brake disc: For Tost rim:
162-36.3-5 w/o ventilation, P/N Co. Tost: 057272

For Cleveland rim:
162-55-5, P/N Co. Tost 057710

Brake caliper: either:

- a) Cleveland 30-9
P/N Co. Tost: 075823
- b) Tost BZT2 5L, DOT4, NPT 1/8
P/N Co. Tost: 080203

An overview on the different batteries including the numbering and description of possible locations is given in the aircraft flight manual section 7.10 and 7.14.

Battery types

Batteries that may leak or emit toxic gases (e.g. conventional lead/acid batteries), are not permissible. In detail the following batteries can be used:

1. Avionic
 - a) Battery in the fuselage tail boom (Bat. 1)
 - LiFePO4-system: “Avionic battery”
(P/N 335.75.0003)
 - Lead-gel-system: “Avionic battery Pb”
(P/N 335.75.0004)
 - b) Battery in the fin (Bat. 2)
 - LiFePO4-system: “Avionic battery vertical fin Type 1L”
(AS-P/N 99.000.1061)
 - Lead-gel-system: “Avionic battery vertical fin Type 1P”
(AS-P/N 99.000.1062)

WARNING:

The mass of batteries in the vertical fin and under the front seat has a significant influence on the C of G position. This must be taken into account if battery types with different masses are to be used.

2. Power-plant battery in the fuselage
 - a) Battery M1 in fuselage tail boom
 - “Battery M1 – Powerplant battery” (AS-PN 335.64.0001)

9.2 Placards regarding the power-plant

The consecutive numbers given with the labels refer to their location in the aircraft and match the numbers shown in the specific views (Fig. 9.2-1 and Fig. 9.2-2).

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These placards are affixed to the engine control panel next to the power lever.

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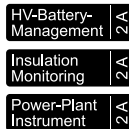
This placard is affixed directly at the Power-plant main switch.

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This placard is affixed directly at the starter button.

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Affixed in this order at the height of the respective fuse.

13.4 Maintenance instructions

The following Maintenance Instructions are established from time to time as required, in accordance with experience accumulated in operating the AS 33 Me. The Maintenance Manual is to be supplemented in case of new issues of Maintenance Instructions. The applicable maintenance instructions are summarized in the "List of applicable publication" for the AS 33 Me including the actual revision.