

CLEVELAND WHEELS & BRAKES

CLEVELAND WHEELS & BRAKES FOR HOMEBUILTS



Wheels with matching hydraulic disc brakes are made from magnesium alloy castings to give a lightweight, durable unit. Wheels complete with bearings and wheel covers. Brake assembly has linings installed. Sold in pairs only.

500 x 5, Wt. 5.75 Lbs. Each (Wheel P/N 40-78B, Brake P/N 30-9)

Kit P/N 199-102 (Standard Disc)/pr

Kit P/N 199-102C (Chrome Disc)/pr.

Use Lining P/N 66-106. Fits 1-1/4" dia. axles.

600 x 6, Wt. 7-3/4 Lbs. Each (Wheel P/N 40-59A, Brake P/N 30-59A)

Kit P/N 199-104 (Standard Disc)/pr.

Kit P/N 199-104C (Chrome Disc)/pr.

Use Lining P/N 66-112. Fits 1-1/2" dia. axles.

600 x 6, with Master Cylinders for Defiant

Special set consists of (2) P/N 40-75B wheels, (2) P/N 30-52 brake assemblies and (2) P/N 10-34 master cylinders.

P/N 199-133X

500 x 5 NOSE WHEEL - Magnesium, with bearings.

For 1-1/4" dia. axle.....P/N 40-77C

600 x 6 NOSE WHEEL - Anodized aluminum, with bearings.

For 1-1/2" dia. axle.....P/N 40-56

HEAVY-DUTY CLEVELAND WHEELS & BRAKES FOR HOMEBUILTS



The heavier-duty brake discs, linings and hardware in these kits will increase braking capacity for the heavier, faster-landing aircraft now being designed & built.

#199-93 UPGRADE KIT

For #199-102 standard wheels and brakes. Upgrades current 40-78B/30-9 to new 40-230/30-181 specs. Consists of #66-106 linings, discs, shims, bolts, rivets and nameplates for 2 wheels & brakes.

P/N 199-93

#199-156 KIT (AIRCRAFT TO 1500 LBS)

Kit consists of two 40-230 wheel assemblies and two 30-181 brake assemblies. Uses #66-106 linings. Fits 1-1/4" dia. axles.

Used on Vari-eze.....P/N 199-156

#199-152 KIT FOR LONG-EZ & COZY (AIRCRAFT TO 2200 LBS)

Kit contains two 40-151 wheel assemblies and two 30-133 brake assemblies. Uses #66-105 linings. Fits 1-1/4" dia. axles.

P/N 199-152

CLEVELAND WHEELS & BRAKES FOR AMPHIBIANS



Although magnesium wheels and brakes are considerably lighter, magnesium is subject to corrosion and should not be used for amphibious operation. Only organic linings should be used on all brakes. All parts of the 500 x 5 size wheels and brakes for amphibians are constructed of anodized aluminum

for water resistance. Although a special 40-74 series of 600 x 6 wheels and brakes are manufactured for amphibious use, with chrome plated bearings and brake disc and water drainage holes, they are too costly for use on homebuilt aircraft.

The use of standard Cleveland aluminum wheels with standard bearings on amphibian aircraft is suggested. If bearings are kept well greased, reasonable service can be expected, but earlier bearing replacement should be anticipated.

500 x 5 (Anodized Aluminum)

Kit P/N 199-103 (Std. Disc)/pr.

Kit P/N 199-103C (Chrome Disc)/pr.

600 x 6 (Anodized Aluminum)

Kit P/N 199-105 (Std. Disc)/pr.

Kit P/N 199-105C (Chrome Disc)/pr.

500 x 5 ALUMINUM NOSE WHEEL.....P/N 40-87C

CLEVELAND HOMEBUILDERS SPECIAL WHEEL & BRAKE SET PACKAGES



PACKAGE NO. 1

Includes 2 Cleveland 5.00-5 magnesium wheels & brakes plus (2) 6 ply tires & tubes. (Wt. approx. 28 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-00100

B w/Goodyear Flight Custom II Tires (Goodyear's latest design) P/N 06-00200

C w/Lamb Tires & Tubes (11.400 x 5).....P/N 06-00300

PACKAGE NO. 2

Package No. 1 plus 2 Cleveland #10-35 master cylinders. (Wt. approx. 30 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-00400 ... B w/G.Year

Flight Custom II Tires & Tubes.....P/N 06-00500

C w/Lamb Tires & Tubes (11.400x5)P/N 06-00600

PACKAGE NO. 3

Includes 2 Cleveland 6.00-6 magnesium wheels and brakes plus two 4 ply tires and tubes. (Wt. approx. 32 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-00700

B w/G.Year Flight Custom II Tires & Tubes...P/N 06-00800

PACKAGE NO. 4

Package No. 3 plus 2 Cleveland #10-35 master cylinders. (Wt. approx. 34 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-00900

B w/G.Year Flight Custom II Tires & Tubes...P/N 06-01000

PACKAGE NO. 5

Includes 2 Cleveland 6.00-6 magnesium wheels & brakes plus two low-profile lightweight 6-ply 15x6.00-6 tires & tubes. (Wt. approx. 32 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-01100

B w/G.Year Flight Custom II Tires & Tubes...P/N 06-01200

PACKAGE NO. 6

Package No. 5 plus 2 Cleveland #10-35 master cylinders. (Wt. approx. 34 lbs.)

A w/STA Air Trac Tires & Tubes.....P/N 06-01300

B w/G.Year Flight Custom II Tires & Tubes.....P/N 06-01400

PACKAGE NO. 7 FOR DEFIANT

Includes 2 Cleveland 6.00-6 magnesium wheels & brakes (P/N 199-133X) plus (2) 6.00-6 STA 6 ply tires & tubes plus 2 master cylinders. P/N 06-01500



AEROSHELL GREASE FOR WHEEL BEARINGS

Aeroshell #22 grease is recommended for lubrication of Cleveland wheel bearings and is also applicable to other similar wheel bearings. Meets Mil-G-81322.

14 oz. tubeP/N 08-05490