

## Applicability Data

## Kit Directory Conversion Kit – Single Engine

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Aero Commander</b>										
Lark 100-180	199-188	6.00-6	40-86A	164-02000	164-12000	464-12000	30-56F	066-10500	O	Installation per FAA STC SA1635GL
<b>Ayres</b>										
S-2R (Thrush)	199-68A	29x11.00-10	40-133	N/A	164-05806	N/A	30-98A	066-10800	O	Replaces surplus 27" W & B. Installation per FAA STC SA162GL. Use Automotive Brake Fluid only.
<b>Cessna</b>										
120, 140 (S/N 8004 thru 13399), 120, 140, 140A (S/N 13400 & up) 170, 170A, 170B, 172, 172A thru 172E, 175, 175A, 175B, 175C, P172D, 180, 180A thru 180F, 182, 182A thru 182G.	199-46 (1)(3)	6.00-6	40-97A	164-02601	164-12601	464-12601	30-63A	066-10500	O	Converts Goodyear to Cleveland; Cannot be used with crosswind landing gear. Installation per FAA STC SA13GL.
180, 180A thru 180H, 180J, 180K, 185, 185A thru 185E, A185E, A185F, 206, P206, U206, U206F, U206G, TU206E, TU206F, TU206G	199-62 (1) (3)	8.00-6	40-75D	164-03601	164-13601	464-13601	30-52N	066-10500	O	This kit is to be used only with Cessna Axles. P/N 0541124 &1441003-1, not for use on aircraft equipped with crosswind landing gear. Installation per FAA STC SA63GL.
	199-62A (1) (3)	8.00-6	40-75T	164-08300	164-18300	464-18300	30-52N	066-10500	O	
180, 180A thru 180F, 180H, 180J, 185, 185A, 185B, A185E, A185F, 206E, 206F, TU206E, TU206F, 210, 210A, 210B, 210C, 210K, 210L, 210M, T210C, T210K, T210L, T210M	199-60 (1) (3)	6.00-6 15x6.00-6	40-75B	164-01501	164-11501	464-11501	30-52	066-10500	O	This kit is to be used only with Cessna Axles P/N 0541124 &1441003-1, not for use on aircraft equipped with crosswind landing gear. Installation per FAA STC SA52GL & SA62GL.
P210N-S/N P21000001 thru P21000150	199-60A (1) (3)	6.00-6	40-75B	164-01501	164-11501	464-11501	30-52U	066-10500	O	Installation per FAA STC SA52GL.
190, 195, 195A, 195B	199-61	6.50-10	40-40C	164-00806	N/A	N/A	30-28C	066-03300	M	This kit is not for use on aircraft equipped with crosswind landing gear. Installation per FAA STC SA54GL.

(1) Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME".

(2) The installer is required to obtain FAA field approval for the modification prior to returning the aircraft to service. Consult your local Flight Standards District Office (F.S.D.O.) for pre-approval guidelines.

(3) Also available with performance gold brake discs. To order, specify kit number followed by "GOLD".

# Cleveland

Wheels & Brakes



**Applicability Data****Kit Directory  
Conversion Kit – Single Engine**

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>deHavilland</b>										
Chipmunk DHC-1-21, -22, -22A DHC-1B-2-S3, -S5	199-79 (1)(2)	6.00-6	40-97D	164-02601	164-12601	464-12601	30-63P	066-10500	O	Installation per FAA STC SA748S0, SA1011S0.
Beaver DHC-2 Mk.I, Mk II, Mk. III	199-95	7.50-10	40-134	164-06306	N/A	N/A	30-99	066-06600	M	Installation per FAA STC SA1402GL or Canadian STA SA90-1.

(1) Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME".

(2) Also available with performance gold brake discs. To order, specify kit number followed by "GOLD".

**Ercoupe**

E, G, 415-C, 415-D & 415-CD (S/N 813 and up) ERCO FORNEY F-1, F-1A	199-69	6.00-6	40-41	164-00300	N/A	N/A	30-30	066-10500	O	Installation per FAA STC SA120GL, SA127GL.
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**Globe Swift**

GC1A, GC1B	199-48 (1) (2)	6.00-6	40-113C	164-04300	164-14300	464-14300	30-79B	066-10500	O	Installation per FAA STC SA2GL.
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(1) Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME".

(2) Also available with performance gold brake discs. To order, specify kit number followed by "GOLD".

**Navion**

A, B, D, E, F, G, H	199-52	7.00-8 (Main) 6.00-6 (Nose)	40-98D (Main) 40-76B (Nose)	164-02701	N/A	N/A	30-66B	066-11000	O	Main and Nose wheel. Installation per FAA STC SA36GL.
A, B, D, E, F, G, H	199-52A	7.00-8	40-98D	164-02701	N/A	N/A	30-66B	066-11000	O	Mains only, installation per FAA STC SA46GL.

**Cleveland**

Wheels &amp; Brakes



Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Raytheon Aircraft Company (1)</b>										
A-23, 19, 19A, M19A, B19 (S/N MB-1 thru MB-521), 23, A23, A23A, B23, C23 (S/N M-2 thru M1361), A23-24, A24 (S/N MA-1 Thru MA-268), A24R (S/N MC-2 thru MC-97)	199-124 (2) (3)	6.00-6	40-113C	164-04300	164-14300	464-14300	30-75B	066-10500	O	Installation per FAA STC SA178GL.
35, A35, B35, C35, D35, E35, F35, G35, 35R, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33A, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, A36	199-49 (2)	6.00-6 7.00-6	40-83	164-02504	164-12504	N/A	30-54	066-10500	O	Installation per FAA STC SA11GL
35, A35, B35, C35, D35, E35, F35, G35, 35R, H35, J35, K35, M35, N35, P35, S35, 45(TY-34), A45 (T-34A, B-45), D45 (T-34B)	199-50	6.50-8	40-98	164-02706	N/A	N/A	30-66	066-04400	M	Installation per FAA STC SA19GL. (Also applicable to Beech Baron-Twin Engine.)

(1) Formerly Beech.

(2) Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME".

(3) Also available with performance gold brake discs. To order, specify kit number followed by "GOLD".

**Stinson**

108 Series	199-87 (1)(2)	7.00-6	40-97D	164-02601	164-12601	464-12601	30-63Q	066-10500	O	This kit available only from Univair. Installation per Univair TC approval.
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(1) Also available with chrome plated brake disc. To order, specify kit number, followed by "CHROME".

(2) Also available with performance gold brake discs. To order specify kit number followed by "GOLD".

## Applicability Data

## Kit Directory Conversion Kit – Twin Engine

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Cessna</b>										
310, 310A thru 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F	199-64	6.50-10	40-40B	164-01406	N/A	N/A	30-28D	066-03300	M	Installation per FAA STC SA110GL, SA 111GL.
340, 340A, 401, 401A, 401B, 402, 402A, 402B, 411, 411A, 414	199-72	6.50-10	—	164-06406	N/A	N/A	30-100	066-06600	M	Upgrades existing Cleveland wheel & brake 40-40A/30-28B to heavy duty 40-135/30-100. Installation per FAA STC SA167GL, SA281GL.
340, 340A, 401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C	199-76	6.50-10	40-135A	164-20306	N/A	N/A	30-100	066-06600	M	Installation per FAA STC SA197GL, SA664GL.
404	199-78	22x7.75-10	40-132	164-09100	N/A	N/A	30-97	066-06400	M	Installation per FAA STC SA781GL.
441	199-115	22x7.75-10	40-169	164-20700	N/A	N/A	30-143	066-07300	M	Installation per FAA STC SA644GL.
500, 501, 550, 551, S550	199-137	18x4.4	40-212	—	—	—	—	—	—	Nose Wheel conversion kit. Installation per FAA STC SA882GL, SA883GL.
500, 501, 550, 551	199-164	22x8.0-10	40-239	159-03500	N/A	N/A	30-189A	109-00100		For aircraft with power assist brakes only. Installation per FAA STC SA1297GL, SA1298GL.
S550	199-177	22x8.0-10	40-202	159-03500	N/A	N/A	30-161A	109-00100	—	Installation per FAA STC SA1441GL.

### deHavilland

Twin Otter DHC-6-1, -100, -200, -300	199-92	11.00-12	040-21101	164-22400	N/A	N/A	30-170	066-10000	M	Installation per FAA STC SA1065GL.
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### Embraer

EMB-110 P1, EMB-110 P2	199-128	6.50-8	40-193 (Nose)	—	—	—	—	—	—	Nose Wheel conversion kit. Installation per FAA STC SA814GL.
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### Grumman

G21, G21A	199-65	32x8.8	40-127	N/A	159-00700	N/A	30-91	066-11300	O	Installation per FAA STC SA99GL.
Widgeon G44, G44A, Scan Type 30	199-4	7.50-10	40-46	N/A	159-00300	N/A	30-31	066-11700 066-11900 066-11800	O	Installation per FAA STC SA121EA.
Mallard G-73 and Turbo Conversions	199-113	32x8.8, 9.50-16	40-174	N/A	159-00900	N/A	30-148	066-11300	O	Installation per FAA STC SA651GL.

## Cleveland

Wheels &amp; Brakes



## Applicability Data

## Kit Directory Conversion Kit – Twin Engine

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Learjet</b>										
24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D, 25F, 35, 35A, 36, 36A, 55	199-175	18x4.4	40-212 (Nose)	—	—	—	—	—	—	Nose Wheel Conversion Kit Installation per FAA STC SA1459GL.

### Mitsubishi

MU-2B, MU-2B-10, -15, -20, -25, -26, -26A, -30, -35, -36, -36A, -40, -60	199-101	8.50-10	40-148	164-07200	N/A	N/A	30-131	066-09000	M	Installation per FAA STC SA648GL, SA652GL or Canadian STA SA90-118.
MU-2B-20, -25, -26, -26A, -35, -36, -36A, -40, -60	199-121	—	—	—	—	—	—	—	—	Upgrades existing 40-87 Nose Wheel to 40-87F; Provides improved bearing seals. Installation per STC SA684GL, SA685GL.

### Piper

Aztec Series	199-63 (2)	7.00-6	—	164-05700	N/A	N/A	30-96	066-06200	M	Upgrades existing Cleveland wheels and brakes to 40-131/30-96. Installation per ESB 7000-4.
PA-31T, PA-31T1	199-89 (2)	6.50-10	40-106	164-03906	N/A	N/A	30-106	066-06800	M	Installation per Piper service kit #764-039.
PA-31-310, PA-31-325, PA-31-350	199-66 (2)	6.50-10	—	164-07906	N/A	N/A	30-95A	066-06600	M	Upgrades aircraft from standard Cleveland 3-piston 40-102/30-68 series to 4-piston 40-130/30-95A. Installation per service kit #761-064.
PA-31P (425 HP), PA-31-350	199-83	6.50-10	40-141	164-07700	N/A	N/A	30-123	066-06800	M	For aircraft with 1 5/8" axle. Installation per FAA STC SA284GL, SA295GL.
PA-31, PA-31-300, PA-31-325, PA-31-350	199-100	6.50-10	40-162	164-07700	N/A	N/A	30-138	066-06800	M	For aircraft with 1 1/2" axle. Installation per FAA STC SA563GL.
PA-31T2	199-111(1)	6.50-10	40-167	164-20600	N/A	N/A	30-142	066-07300	M	Installation per FAA STC SA599GL.
PA-42, PA-42-720	199-112	6.50-10	40-166	164-07400	N/A	N/A	30-141	066-07300	M	Installation per FAA STC SA600GL. <b>NOTE!</b> Use only with original equipment tires ..... Goodrich (Piper P/N 551 652) or McCreary (Piper P/N 551 604).

(1) SB7034-1 Service Bulletin Kit, for replacement of landing gear emergency extension air line. STC approved per SB7034. (2) Order from airframe manufacturer only.

## Cleveland

Wheels & Brakes



# Applicability Data

# Kit Directory Conversion Kit – Twin Engine

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Raytheon Aircraft Company (1)</b>										
D18C, D18S, E18S, E18S-9700, G18S, H18, C45G, TC-45G, RC-45J, C-45H, TC-45H, TC-45J, JRB-6, 3N, 3NM, 3TM	199-127	8.50-10 8 or 10 ply	40-170	164-20900	N/A	N/A	30-144B	066-09000	M	Applicable to Tricycle landing gear with 10" main wheel & brake. Installation per FAA STC SA788GL.
	199-129	5.00-5	40-168 (Tail)	—	—	—	—	—	—	Converts Tail Wheel to 5.00-5 Type III. Installation per FAA STC SA829GL.
	199-141	11.00-12	040-21101	164-22400	N/A	N/A	30-170	066-10000	M	Applicable to aircraft equipped with 12" main wheel & brake. Installation per FAA STC SA1222GL.
D55, D55A, E55, E55A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A	199-50	6.50-8	40-98	164-02706	N/A	N/A	30-66	066-04400	M	Uses 2 piston brake. Installation per FAA STC SA19GL. (Also applicable to Beech Bonanza - Single Engine.)
D55, D55A, E55, E55A, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95A-55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A	199-138	6.50-8 19.5 x 6.75-8	40-128D	164-06106	N/A	N/A	30-93C	066-09700	M	Uses 3 piston brake. Installation per FAA STC SA912GL.
50, B50, C50, D50, D50A, D50B, D50C, D50E, E50, F50, G50, H50, J50	199-88	8.50-10	40-134A	164-06306	N/A	N/A	30-99	066-06600	M	Applicable only to models modified per Excalibur STC SA75SW. Installation per FAA STC SA390GL.
58P, 58TC, 60, A60, B60	199-73	6.50-8 19.5 x 6.75-8	40-128	164-06106	N/A	N/A	30-93	066-04400	M	Installation per FAA STC SA178GL, SA179GL.
65, A65, 70, 65-80, 65-A80, 65-B80, 65-88	199-123	8.50-10	40-170B	164-22900	N/A	N/A	30-144A	066-09000	M	Installation per FAA STC SA673GL.
A90, B90, C90, C90A, E90, H90, 65-A90-1, 65-A90-4	199-90	8.50-10	40-170A	164-20900	N/A	N/A	30-144	066-09000	M	Installation per FAA STC SA619GL or Brazilian STC 9910-04.
F90, 99, 99A, A99A, B99, C99, 100, A100, B100, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200C, B200CT, B200T	199-110	18x5.5	40-289	164-21000	N/A	N/A	30-146	066-09100 066-09200	M	For aircraft equipped with standard landing gear. Installation per FAA STC SA646GL, SA650GL, SA890GL.
	199-168	—	—	—	—	—	—	—	—	Hot Air Manifold Kit for aircraft equipped with brake deice. Installation only in conjunction with Kit 199-110.
F90, 99, 99A, A99A, B99, C99, 100, A100, B100, 200, 200C, 200CT, 200T, B200, B200C, B200T, B200CT	199-125	6.50-10 22x6.75-10	40-203	159-01200	N/A	N/A	30-162	109-00200	M	For aircraft equipped with High Flotation Landing Gear. Installation per FAA STC SA757GL, SA1509GL, SA1510GL.

## Applicability Data

Kit Directory  
Conversion Kit – Twin Engine

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Raytheon Aircraft Company (continued)</b>										
65, A65, 65-80, 65-A80, 65-B80, 70, 90, A90, B90, C90, E90, F90, 99, A99, A99A, B99, C99, 100, A100, B100, 200, 200C, 200CT, 200T, B200, B200C, B200T, B200CT, 300	199-126	6.50-10 22x6.75-10	40-204 (Nose)	—	—	—	—	—	—	Nose wheel conversion kit. Installation per FAA STC SA757GL, SA1061GL, SA1077GL, SA1242GL, SA380CH.
1900C, 1900D	199-184	6.50-10 22x6.75-10	40-273A	159-04000	N/A	N/A	30-204	109-00201	M	Installation per FAA STC SA1789GL. Inactive, superseded by 199-220 Kit
	199-220	6.50-10 22x6.75-10	40-273A	159-05900	N/A	N/A	30-204A	109-00201	M	Installation per FAA STC SA1789GL.
1900D	199-220A	6.50-10 22x6.75-10	40-273B	159-05900	N/A	N/A	30-204A	109-00201	M	For aircraft equipped with anti-skid. Installation per FAA STC SA1789GL.
1900C	199-212	—	—	—	—	—	—	—	—	Brake De-ice manifold support kit. Installation only in conjunction with kit 199-220. For aircraft with Beech brake de-ice manifold P/N 101-810071-1. 2 kits required per aircraft.
1900C, 1900D	199-213	—	—	—	—	—	—	—	—	Brake De-ice manifold kit. Installation only in conjunction with kit 199-220 or 199-220A. For aircraft equipped with Beech brake de-ice manifold P/N 114- 810088-5. 2 Kits required per aircraft.

(1) Formerly Beech

**Schafer Aircraft Modifications Inc.**

Piper Model PA-31-350 modified by Schafer STC SA4678SW. (1)	199-119	6.50-10	40-195	164-21900	N/A	N/A	30-158	066-06800	M	Installation per FAA STC SA721GL.
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(1) Design sold to EMBRAER - to become EMB 820, N-821.

**Shorts Brothers Ltd.**

SD3-30, SD3-60 SD3 Sherpa SD3-60 Sherpa	199-139	9.00-6	40-210	—	—	—	—	—	—	Nose Wheel Conversion Kit. Installation per FAA STC SA910GL or Canadian STA SA91-111.
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**Cleveland**  
Wheels & Brakes

**Applicability Data**

Model/ Name	Kit Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
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**Swearingen Aircraft**

Merlin SA26-T, -AT	199-150	8.50-10	40-170	164-20900	N/A	N/A	30-144A	066-09000	M	Installation per FAA STC SA1009GL.
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**Twin Commander Aircraft Corp. (formerly Gulfstream Aerospace)**

500, 500A, 500B, 500S, 500U	199-122	8.50-10	40-198	164-22000	N/A	N/A	30-159B	066-09000	M	Installation per FAA STC SA706GL.
	199-122A	8.50-10	40-198	164-22000	N/A	N/A	30-159C	066-09000	M	For aircraft using Skydrol brake fluid. Installation per FAA STC SA706GL.
560F, 680F, 680FL, 680FL(P), 680T, 680V, 680W, 681, 685, 690, 690A, 690B, 690C, 690D, 695, 695A, 695B	199-80	8.50-10	40-107A	164-07200	N/A	N/A	30-107E	066-09000	M	Installation per FAA STC SA497GL.
	199-80A	8.50-10	40-107A	164-07200	N/A	N/A	30-107D	066-09000	M	For aircraft using Skydrol brake fluid. Installation per FAA STC SA497GL.
500, 500A, 500B, 500S, 500U, 560A, 560E	199-174	6.00-6	40-140	N/A	N/A	N/A	N/A	N/A	N/A	Nose Wheel conversion kit, Installation per FAA STC SA1457GL
560F, 680, 680E, 680FL, 680FL(P), 680F, 680V, 680W, 681, 685, 690, 690A, 690B, 690C, 690D, 695, 695A, 695B, 720	199-174	6.00-6	40-140	N/A	N/A	N/A	N/A	N/A	N/A	Installation per FAA STC SA1458GL.





Model/ Name	Order Code Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
<b>Wheel &amp; Brake Ship Set for Kit Built/Experimental Aircraft</b>										
General Usage (Increased Energy Brake)	199-09300 (5) P/N 199-93	5.00-5	40-230	164-09900	N/A	N/A	30-181A	066-10600	O	Magnesium Wheel Aluminum Brake (4)
General Usage (3) (Standard Energy Brake)	199-10200 P/N 199-102	5.00-5	40-78B (5)	164-01700	164-11700	464-11700	30-9 (5)	066-10600	O	Magnesium Wheel & Brake (4)
General Usage (3) (Standard Energy Brake)	199-10203 (1) P/N 199-102 CHROME	5.00-5	40-78B CHROME	164-01700	164-11700	464-11700	30-9	066-10600	O	Magnesium Wheel & Brake (4)
General Usage (3) (Standard Energy Brake)	199-10207 (2) P/N 199-102 GOLD	5.00-5	40-78B GOLD	164-01700	164-11700	464-11700	30-9	066-10600	O	Magnesium Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10300 P/N 199-103	5.00-5	40-78A (5)	164-01700	164-11700	464-11700	30-9C (5)	066-10600	O	Aluminum Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10303 (1) P/N 199-103 CHROME	5.00-5	40-78A CHROME	164-01700	164-11700	464-11700	30-9C	066-10600	O	Aluminum Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10307 (2) P/N 199-103 GOLD	5.00-5	40-78A GOLD	164-01700	164-11700	464-11700	30-9C	066-10600	O	Aluminum Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10400 P/N 199-104	6.00-6	40-59A	164-07500	164-17500	464-17500	30-59A	066-11200	O	Magnesium Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10403 (1) P/N 199-104 CHROME	6.00-6	40-59A CHROME	164-07500	164-17500	464-17500	30-59A	066-11200	O	Magnesium Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10407 (2) P/N 199-104 GOLD	6.00-6	40-59A GOLD	164-07500	164-17500	464-17500	30-59A	066-11200	O	Magnesium Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10401 P/N 199-104A	6.00-6	40-59A	164-07500	164-17500	464-17500	30-59E	066-11200	O	Magnesium Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10500 P/N 199-105	6.00-6	40-113X	164-04000	164-14000	464-14000	30-75X	066-10500	O	Aluminum Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10503 (1) P/N 199-105 CHROME	6.00-6	40-113X CHROME	164-04000	164-14000	464-14000	30-75X	066-10500	O	Aluminum Wheel & Brake (4)
General Usage (3) (1 1/2" Axle)	199-10507 (2) P/N 199-105 GOLD	6.00-6	40-113X GOLD	164-04000	164-14000	464-14000	30-75X	066-10500	O	Aluminum Wheel & Brake (4)
General Usage (High Energy Brake)	199-15200 P/N 199-152	5.00-5	40-151	164-08500	N/A	N/A	30-133	066-10500	O	Magnesium Wheel & Brake (4)
General Usage (High Energy Brake)	199-15201 P/N 199-152A	5.00-5	40-151A	164-08500	N/A	N/A	30-133	066-10500	O	Aluminum Wheel Magnesium Brake (4)
General Usage (3) (Increased Energy Brake)	199-15600 P/N 199-156	5.00-5	40-230	164-09900	N/A	N/A	30-181A	066-10600	O	Magnesium Wheel Aluminum Brake (4)

(1) Wheels are equipped with chrome plated brake discs.

(2) Wheels are equipped with Performance Gold brake discs.

(3) For detail design/rating information, refer to Cleveland drawing 50-76, general arrangement - Wheels & Brakes, 5" & 6".

(4) Wheels and Brakes are FAA TSO C26 Approved

**Note!** For a product to be TSO qualified, it has to have successfully demonstrated its ability to meet minimum performance standards in accordance with FAA recognized rating methods. The TSO approval of a product does not constitute installation approval or applicability on an FAA Type Certificated Aircraft. It is the responsibility of those installing these products to determine that the aircraft installation and its wheel and brake performance requirements are compatible for the TSO ratings of the wheel and brake. TSO approved products must have separate approval for installation in a FAA type certificated aircraft. TSO Approved Products may be installed only if performed under Title 14 CFR Part 43 or the applicable airworthiness requirements.

(5) 199-93 Wheel & Brake Upgrade Kit converts wheel and brake to Heavy Duty

Applicability Data

Model/Name	Order Code Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
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**Wheel & Brake Ship Set for Kit Built/Experimental Aircraft**

General Usage (1 1/2" Axle)	199-25301 (1) (3)	6.00-6	40-75B	164-01501	164-11501	464-11501	30-52	066-10500	O	Aluminum Wheel & Brake (2)
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(1) Be advised that the Order Code Number is used to identify a grouping of a pre-packaged ship set of TSO Approved wheels and brakes along with TSO Approved spare parts for customer ordering and shipping convenience. At time of installation of parts contained within, the installer is to refer only to the Part Number of each listed wheel and brake assembly to indicate what parts have been installed on the aircraft. Do not refer to the order code number for installation purposes, as it is not an FAA recognized part number.

(2) Wheels and Brakes are FAA TSO C26 Approved

**Note! For a product to be TSO qualified, it has to have successfully demonstrated its ability to meet minimum performance standards in accordance with FAA recognized rating methods. The TSO approval of a product does not constitute installation approval or applicability on an FAA Type Certificated Aircraft.** It is the responsibility of those installing these products to determine that the aircraft installation and its wheel and brake performance requirements are compatible for the TSO ratings of the wheel and brake. TSO approved products must have separate approval for installation in a FAA type certificated aircraft. TSO Approved Products may be installed only if performed under Title 14 CFR Part 43 or the applicable airworthiness requirements.

(3) The Cleveland Wheels & Brakes as listed are FAA TSO C26 approved, quantity are furnished in pairs for replacement of existing equipment or initial installation on an experimental non FAA Type Certificated Aircraft. This ship set of parts also includes a spare set of brake linings, rivets and a Rebate Coupon (for when both linings and discs need to be replaced). See AWBCMM0001 Component Maintenance Manual for guidance of when and how to replace worn linings and discs.

Model/Name	Order Code Number	Tire Size	Wheel Assembly	Standard Disc	Chrome Disc	Perform. Gold Disc	Brake Assembly	Lining	Type	Comments
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**Wheel & Brake Ship Set for General Usage**

General Usage – Wheel & Brake Ship Set	199-08400 (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75	066-10500	O	Aluminum Wheel & Brake. (4)
General Usage – Wheel & Brake Ship Set	199-08403 (1) (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75	066-10500	O	Aluminum Wheel & Brake. (4)
General Usage – Wheel & Brake Ship Set	199-08407 (2) (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75	066-10500	O	Aluminum Wheel & Brake. (4)
General Usage – Wheel & Brake Ship Set	199-08401 (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75A	066-10500	O	Aluminum Wheel & Brake. (4)
General Usage – Wheel & Brake Ship Set	199-08413 (1) (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75A	066-10500	O	Aluminum Wheel & Brake. (4)
General Usage – Wheel & Brake Ship Set	199-08417 (2) (3)	6.00-6	40-113	164-04000	164-14000	464-14000	30-75A	066-10500	O	Aluminum Wheel & Brake. (4)

(1) Wheels are equipped with chrome plated brake discs.

(2) Wheels are equipped with Performance Gold brake discs.

(3) Be advised that the Order Code Number is used to identify a grouping of a pre-packaged ship set of TSO Approved wheels and brakes for customer ordering and shipping convenience. At time of installation of parts contained within, the installer is to refer only to the Part Number of each listed wheel and brake assembly to indicate what parts have been installed on the aircraft. Do not refer to the order code number for installation purposes, as it is not an FAA recognized part number.

(4) Wheels and Brakes are FAA TSO C26 Approved

**Note! For a product to be TSO qualified, it has to have successfully demonstrated its ability to meet minimum performance standards in accordance with FAA recognized rating methods. The TSO approval of a product does not constitute installation approval or applicability on an FAA Type Certificated Aircraft.** It is the responsibility of those installing these products to determine that the aircraft installation and its wheel and brake performance requirements are compatible for the TSO ratings of the wheel and brake. TSO approved products must have separate approval for installation in a FAA type certificated aircraft. TSO Approved Products may be installed only if performed under Title 14 CFR Part 43 or the applicable airworthiness requirements.

