

## - STOP -

**THE WHEEL & BRAKE APPLICABILITY DATA IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. IT IS TO BE USED ONLY AS A GUIDE, AND NOT TO BE CONSTRUED AS THE BASIS FOR AIRCRAFT INSTALLATION APPROVAL.**

**Note!**

**Unless otherwise noted, listed Wheels and Brakes are FAA TSO C26 Approved.**

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.

Consult the Airframe maintenance manual, parts catalog, or equipment list (for optional installations), to confirm the approved part number for a particular application. It is the responsibility of the installer to assure that only approved parts have been used. Prior to installing replacement parts, please verify that the wheel and brake assembly numbers as listed match the model numbers as indicated on the nameplates. If unable to identify the parts, contact the **Technical Services Hotline**.

**For quick reference, disc and lining part numbers are listed in the directory.** Manufacturers and aircraft are listed alphabetically with models listed numerically. For other replacement parts on your assemblies, turn to the numerical assembly listing for a particular parts breakdown.

Actions affecting a particular assembly will be noted below each applicability data table. Always check for additional information such as superseding equipment, applicable upgrades and other pertinent information in the numerical assembly listing parts breakdown.

For technical assistance, contact the

**TECHNICAL SERVICES HOTLINE:**

techhelp@parker.com

Fax: 440-937-5409

1-800-BRAKING (272-5464)

# Cleveland

Wheels & Brakes



[illegible]

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
Aerofab (1)							
LA-4	1963 and on	40-113X (4)(5)	164-14000	164-14000	30-75X (4)(5)	066-10500	N/A
		40-74 (2)(5)	164-00700	164-10700	30-51 (3)(5)	066-10600	
LA4-180, -200 Amphibian	1974 1975  1977 and on	40-113X (4)(5)	164-04000	164-14000	30-75X (4)(5)	066-10500	40-87C
		40-74A (5)	N/A	164-04700	30-51 (3)(5)	066-10600	
		40-74B (5)	164-00700	164-10700		066-10600	
					30-51B (5)		
LA-250 Renegade		40-418 (6)	164-24500	N/A	30-241 (6)	066-10500	40-87C
LA-270 Turbo Renegade		40-418 (7)	164-24500	N/A	30-241 (7)	066-10500	D-30500-1

(1) Formerly Lake Aircraft, Inc.

(2) 40-74 is interchangeable with 40-74B.

(3) Superseded by 30-51B.

(4) Replacement for aircraft equipped with Gerdas Wheels & Brakes.  
Requires modifications prior to installation. See Airframe manufacturer.

(5) For heavy duty option, order Main Wheel Assy 40-418 and Brake Assy 30-241, which is also high corrosion-resistant equipment.

(6) High corrosion-resistant, amphibious equipment. Replaces Main Wheel Assy 40-74B and Brake Assy 30-51B on new production aircraft.  
See Airframe manufacturer for applicability.(7) High corrosion-resistant, amphibious equipment. Replaces Main Wheel Assy D-30660-7 and Brake Assy D-30793-4 on new production aircraft.  
See Airframe Manufacturer for applicability.

## Aerospatiale / Socata

100, 110, 125 150, 180 Series		40-97D	164-02601	164-12601	30-63J	066-10500	40-77A
110ST Calopin, 160ST Garnement, 180T Galrien, 180GT Gailaard		40-97D	164-02601	164-12601	30-63J	066-10500	N/A
220, 235 Series, 235G Guerrier (1), 235GT Gabriel, 235CA Gaucho,		40-84 (5)	164-01900	164-11900	30-41B (3)	066-10600	
TB9 Tampico TB10 Tobago TB200		40-97E (4)	164-02601	164-12601	30-63J	066-10500	40-77B
TB20, 21 Trinidad		40-84 (5)	164-01900	164-11900	30-41B (3)	066-10600	40-77B
TB30 Epsilon		40-90B	164-02201	N/A	30-23B (3)	066-06500 pp 066-06200 bp	40-76C
TBM700	1 thru 204 206 thru 239 241 thru 243	40-270	(2)	N/A	30-191	(2)	40-262A
	205, 240, 244 and up	40-434	(2)	N/A	30-191	(2)	40-262A
TBM850	All	40-434	(2)	N/A	30-191	(2)	40-262A

(1) Was Rallye Series aircraft.

(2) Internal Wheel &amp; Brake. See Brake Section for lining/heat stack components.

(3) Use with airframe supplied torque plate.

(4) Upgrade to 40-97F per SB7050. (5) Upgrade to 40-84B per SB7059.

## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Aerostar Aircraft (1)**

600, 601, 601P PA-600A, -601B PA-601P, -60, -700P	171 and on  1975 and on	40-124	164-05006	N/A	30-88 (2)	066-02200	40-76B 40-76F
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(1) T.C. formerly held by Piper Aircraft.

(2) Use with airframe supplied Torque Plate (075-10100 LH and 075-10150 RH).

**Ag-Cat Corp. (American Agviation) (1)**

G164 Ag-Cat	1 thru 399	40-47 (2)	N/A	164-01100	30-32C (2)	066-10600	40-112
G164A Super Ag-Cat 450, 600	400 and on  1 and on	40-101 (3)	N/A	164-03006	30-67 (3)	066-10800	
G164B, C G164D Turbine	1 and on	40-133 (4)	N/A	164-05806	30-84 (4)	066-10800	

(1) T.C. formerly held by Schweizer.

(2) Aircraft equipped with 8.50-6 tires.

(3) Aircraft equipped with 8.50-10 tires.

(4) Aircraft equipped with 29 x 11.00-10 tires.

**Agusta / Caproni Vizzola**

C22J		40-151	164-08500	N/A	30-133 30-164	066-10500 066-06200	N/A
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**Agusta / Siai Marchetti - see Siai Marchetti / Agusta / Aermacchi****Air Tractor**

AT-300		40-101 (1)	N/A	164-03006	30-67X	066-10800	N/A
AT-301, -302, -302A, -400A		40-101 (1)	N/A	164-03006	30-89	066-10800	40-168
AT-400, -402, -501, -502, -503, -503A		40-133 (2)	N/A	164-05806	30-98C	066-10800	40-168
AT-401, -401A		40-234 (3)	N/A	164-05606	30-184 LH (3) 30-184 RH (3)	066-10800 066-10800	40-168
AT-602		40-403	164-22202	N/A	30-231	066-06600	40-140C
AT-802		40-279 (4) 40-279A	164-23001 (5) 164-23002	N/A N/A	30-210 (4) 30-210A	066-13100 066-13100	40-140C

(1) 8.50-10 Tire.

(2) 29 x 11.00-10 Tire.

(3) Not TSO approved - order from airframe manufacturer only.

(4) Upgrade to 40-279A and 30-210A per SB7067 (TSO approved).

(5) Supersedes 164-23000.

## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## American Champion Aircraft (1)

7AC to 7EC, 7GC Traveller		3050 (2)	169-00201	N/A	C7000 (2)	066-00504 (6)	N/A
7GCA, 7GCB, 7JC, 7KC, 7GCBA		3040 (5)	169-00101	N/A	C2000 (5)	066-00504 (6)	
7EC, 7FC Tri-Traveller		3040 (5)	169-00101	N/A	C2000 (5)	066-00504 (6)	40-2 (4)
7ECA, 7GCAA, 7GCBC, 7KCAB, 7SRS	1964 and on	40-28D	164-00500	164-10500	30-19A	066-10600	N/A
7ACA Champ	Thru 1970	40-28D	164-00500	164-10500	30-19A	066-10600	
	1971 and on	40-78B	164-01700	164-11700	30-9	066-10600	
8GCBC Scout		40-47 (3)	N/A	164-01100	30-32B	066-10600	
8KCAB Decathlon		40-28D	164-00500	164-10500	30-19A	066-10600	
T-250 Aries		40-75G	164-01501	164-11501	30-52S	066-10500	40-77C

(1) Formerly Bellanca/Champion.

(2) Mechanical Drum Brake.

(3) 8.50-6 Tire.

(4) Inactive.

(5) Hydraulic Drum Brake.

(6) Brake Shoe, Includes Rivets.

## American General - see Grumman American

## Arctic Aircraft

S1B2 Arctic Tern	001 - 1021	40-28	164-00500	164-10500	30-18	066-10600	N/A
	1022 and on	40-86B	164-02000	164-12000	30-55	066-10500	

## Aviat / Pitts / Christen

S-1, S-2 Pitts Special Series		40-78B	164-01700	164-11700	30-9	066-10600	N/A
A-1 Husky		40-60	164-06700	164-16700	30-60 (1)	066-10600	

(1) Inactive - superseded by 30-60A.

## Avions Pierre Robin (Constructions Aeromatiaques De Bourgogne)

140, 160		(1)	164-03601	164-13601	30-52T	066-10500	N/A
DR400 Series		40-97D	164-02601	164-12601	30-63E	066-10500	40-77A
HR100/120, 200		(1)	164-02601	164-12601	30-63D (2)	066-10500	N/A
					30-63E	066-10500	
HR100/200, 210		(1)	164-03601	164-13601	30-52N	066-10500	
HR400 Series		(1)	N/A	N/A	30-52T	066-10500	40-77A
R1000 Series		(1)	N/A	N/A	30-63E	066-10500	N/A
R2000 Series		(1)	N/A	N/A	30-63E	066-10500	40-77A
R3000 Series		(1)	N/A	N/A	30-63E	066-10500	

(1) Order complete main wheel from airframe manufacturer only.

(2) Inactive.

**Cleveland**  
Wheels & Brakes



## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
<b>Ayres (1)</b>							
S2R-600 Thrush	1939R thru 217R	40-129 (2)	N/A	164-05606	30-94 (2)	066-10800	40-112 (3)
	2173R thru 2529R	40-129	N/A	164-05606	30-94	066-10800	
		40-133 (2)	N/A	164-05806	30-98D (2)	066-10800	
	2530R and on	40-133	N/A	164-05806	30-98D	066-10800	
S2R-660 Turbo Thrush		40-403	164-22202	N/A	30-231	066-06600	40-76H
S2R-800	5000R thru 5082R	40-129 (2)	N/A	164-05606	30-94 (2)	066-10800	40-112 (3)
	5083R and on	40-133	N/A	164-05806	30-98	066-10800	
S2R-PZL600 S2R-R1340 S2R-R1820 S2R-T11		40-133	N/A	164-05806	30-98D	066-10800	40-112 (3)
S2R-T15	T15-001	40-133	N/A	164-05806	30-98	066-10800	
	T15-002 and on				30-98D	066-10800	
S2R-T34	6000 thru 6023	40-133	N/A	164-05806	30-98	066-10800	
	6024 and on				30-98D	066-10800	
S2R-T41 S2R-T65 S2R-T65HG	T41-089 and -090	40-133	N/A	164-05806	30-98D	066-10800	

(1) Applications may vary on all models due to manufacturer kit changes and field modifications.

(2) Heavy duty option.

(3) Tail Wheel - not original equipment until 1977 however, it is interchangeable on all models.

**Beech - see Raytheon Aircraft Company****Bell Helicopter**

AH-1T, 214							40-117A (3)
UH-1H							40-103 (3)
214ST (4)	1984 and on	40-181B	(5)	N/A	30-154A	(5)	40-115B (1)
222							40-115A (2)(6)
230		40-276	(5)	N/A	30-208	(5)	40-115B (1)
430		40-276	(5)	N/A	30-208A	(5)	40-115B (1)

(1) Nose Wheel, eligible to use 10 ply tire.

(2) Nose Wheel, use 6 ply tire only.

(3) Dolly Wheel, 4 per helicopter - Not TSO approved.

(4) Helicopter equipped with optional landing gear.

(5) Internal Wheel &amp; Brake, see Brake Section for lining/heat stack components.

(6) Superseded for this application by 40-115B per SB7033.

**Bellanca Aircraft Corporation**

17-30A, 17-31A 17-31ATC, 300A		40-75E	164-01501	164-11501	30-52M	066-10500	40-76C
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## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Burkhart Grob - see Grob**

**Caproni Vizzola - see Agusta**

## Cessna

150A, B	1961 to 1962 150-59119 thru 150-59700	40-12 (1)	164-00400	N/A	30-9 (1)	066-10600	40-77 (1)
150C	1963	40-19 (1) (3)	164-00400	N/A	30-9 (1)	066-10600	40-77A (1)
		40-57 (2) (3)	164-00500	164-10500	30-40 (2)	066-10600	
150D, E	1964 to 1965	40-78 (1)	164-01700	164-11700	30-9 (1)	066-10600	40-77 (1)
		40-79A (2)	164-01600	N/A	30-40 (2)	066-10600	40-76A (2) (4)
150F, G, F150F, G	1966 to 1967	40-97 (3) (6)	N/A	N/A	30-63 (3) (5)	066-10500	40-77 (1)
150H, J, K F150H, J A150K	1968 to 1970  1970	40-97A	164-02601	164-12601	30-63A	066-10500	
150L A150L F150K FA150K, L FRA150L 152 A152 F152, FA152	1971 and on 1971 and on 1970 and on 1970 to 1971 1972 and on 1978 and on 1978 and on 1978 and on	40-113	164-04000	164-14000	30-75	066-10500	

(1) 5.00-5 Equipment

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Starting with S/N 150-60477.

(5) Superseded by 30-63A.

(6) Superseded by 40-97A.

150, 152, A150	1971 to 1973	D-30063 (3) (4)	N/A	N/A	C-30018 (4)	066-30026	D-30053 (3)
F150, F152	1973 to 1976	D-30260 (3) (4)	164-30195	N/A			C-30174 (3)
FA152 (Reims) (Aircraft equipped with McCauley)	1976	D-30580 (3) (4)	164-30195	N/A	C-30018-4 (4)	066-30026	D-30480 (3)
	1976 to 1977	D-30291-6 (4)	164-30440	164-23600			
	1977	D-30600-1 (3) (4)	N/A	N/A	C-30018-5 (4)	066-30026	D-30500
	1978 to 1981 1982 and on	D-30660-1 (4)	164-30615-1	164-30804-1	C-30764-5 (4)	066-30026	

(1) 5.00-5 Equipment.

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Superseded equipment - refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.

**Cleveland**  
Wheels & Brakes



## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
<b>Cessna - continued</b>							
172, 172A, B, C Skyhawk	172-46421 thru 172-49544						40-77 (1)
172D	172-49545 thru 172-50572						40-55 (2)(5)
172E thru M	172-50573 thru 172-63458						40-76A (2)
172F	172-51823 thru 172-52808	40-97A	164-02601	164-12601	30-56 (3)(6)	066-10500	40-77 (1)
172F, G, H	172-52809 thru 172-56512	40-97A	164-02601	164-12601	30-63 (3)(6)	066-10500	40-77 (1)
172I, K	172-56513 thru 172-59223	40-97A	164-02601	164-12601	30-63A	066-10500	40-77 (1)
172L thru 172R	1971 and on 172-59224 and on	40-113	164-04000	164-14000	30-75A	066-10500	40-77 (1)
F172D	F172-0001 thru F172-0018						40-55 (2)(5)
F172E thru M	F172-0019 thru F172-01234						40-76A (2)
F172F	F172-0086 thru F172-0095						40-77 (1)
F172F, G	F172-0096 thru F172-0204	40-97A	164-02601	164-12601	30-56 (3)(6)	066-10500	
F172G, H	F172-0205 thru F172-00754	40-97A	164-02601	164-12601	30-63A	066-10500	
F172K	F172-00755 and on	40-113	164-04000	164-14000	30-75A	066-10500	
F172RG Cutlass	172RG0001 and on	40-113	164-04000	164-14000	30-75	066-10500	40-77 (1)
172, R172	1971 to 1973	D-30063 (3)(7)	N/A	N/A	C-30018-2 (7)	066-30026	D-30053 (3)
F172 (Reims)	1973	D-30260 (3)(7)	164-30195	N/A	C-30018-2 (7)	066-30026	D-30204 (2)(4)
FR172 (Reims) (Aircraft equipped with McCauley)	1973 to 1974						C-30174 (1)(3)
	1973 to 1975						D-30255 (2)(4)
	1976						D-30585 (2)(4)
	1976	D-30580 (7)	164-30195	N/A	C-30018-2 (7)	066-30026	D-30480 (1)(3)
	1977	D-30600-1 (3)(7)	N/A	N/A	C-30018-6 (7)	066-30026	D-30625 (2)(4)
	1978 to 1981	D-30660-1 (7)	164-30615-1	164-30804-1	C-30018-6 (7)	066-30026	D-30500 (1)
	1978						D-30665 (2)
	1982 and on				C-30764-6 (7)	066-30026	D-30500 (1)
172RG Cutlass	1980 to 1981	D-30660-1 (7)	164-30615-1	164-30804-1	C-30018-6 (7)	066-30026	D-30500 (1)
	1982 and on				C-30764-5 (7)	066-30026	

(1) 5.00-5 Equipment

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Superseded by D-30665.

(5) Superseded by 40-76A.

(6) Superseded by 30-63A.

(7) Superseded equipment – refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.



## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Cessna - continued

175 Skylark	175-55876 thru 175-57119						40-18 (1)(3)
177A, B Cardinal	177-01165 thru 177-01530	40-97A	164-02601	164-12601	30-63 (5)	066-10500	40-77 (1)
177B	177-01531 and on	40-113	164-04000	164-14000	30-75	066-10500	40-77 (1)
177A, B	177-01165 and on						40-76A (2)
177RG, F177RG	1971 and on	40-113	164-04000	164-14000	30-75	066-10500	40-77 (1)
177, 177RG	1972 to 1973						C-30053 (3)
F177RG (Reims)	1973 to 1974						C-30174 (1)(3)
(Aircraft equipped with McCauley)	1975	D-30580 (3)(6)	164-30195	N/A	C-30018-4 (6)	066-30026	D-30480 (1)(3)
	1976	D-30291-6 (6)	164-30440	164-23600	C-30018-4 (6)	066-30026	D-30500 (1)
	1977	D-30600-1 (3)(6)	N/A	N/A	C-30018-5 (6)	066-30026	
	1978 and on	D-30660-1 (6)	164-30615-1	164-30804-1			
180G	180-51313 and on	40-75B	164-01501	164-11501	30-52	066-10500	N/A
180H	180-52011 thru 180-52195	40-75D	164-03601	164-13601	30-52D (3)	066-10500	
180H	180-52196 and on				30-52N	066-10500	
180H	180-51775 thru 180-51993	40-66 (3)	164-00700	N/A	30-21 (3)	066-10600	
180 Series Skywagon (Aircraft equipped with McCauley)	1973 to 1974	D-30063-1 (3)(6)	N/A	N/A	D-30118-1, -2 (3) (6)	066-30026	D-30380
	1974 1974 to 1978 1978 and on	D-30291-3 (6)	164-30414	164-23900	D-30118-5, -6 (6)	066-30026	
		D-30063-4 (3)(6)	N/A	N/A			
		D-30291-1 (6)	164-30388	164-24100			
		D-30660-2 (6)	164-30615-2	164-30804-2			
182B, C, D, E	182-51887 thru 182-54423						40-35 (3)
182E, F	182-53599 thru 182-55058						40-55 (2)(3) or 40-76A (2)
182G thru P	182-55059 thru 182-62465						40-77 (1)
182G thru N	182-55059 thru 182-60445	40-97A	164-02601	164-12601	30-56A	066-10500	40-77 (1)
					30-63 (5)	066-10500	40-76A (2)
					30-63A	066-10500	
182N	182-60446 thru 182-67715	40-113	164-04000	164-14000	30-75	066-10500	40-77 (1)
182S	1996 and on	40-75B	164-01501	164-11501	30-52U	066-10500	40-77 (1)

(1) 5.00-5 Equipment

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Superseded by D-30665.

(5) Superseded by 30-63A.

(6) Superseded equipment – refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.

Cleveland  
Wheels & Brakes

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Cessna - continued

182 Series F182 (Reims) (Aircraft equipped with McCauley)	1971 to 1973						D-30053 (3)
	1973						D-30204 (2)(4)
	1973 to 1974						C-30174 (1)(3)
	1973 to 1975						D-30255 (2)(4)
	1976	D-30291-6 (7)	164-30440	164-23600	C-30018-4 (7)	066-30026	D-30585 (2)(4)
					C-30018-4 (7)	066-30026	D-30480 (1)(3)
	1977	D-30600-1 (3)(7)	N/A	N/A	C-30018-5 (7)	066-30026	D-30625 (2)(4)
	1978 to 1980	D-30660-1 (7)	164-30615-1	164-30804-1	C-30018-5 (7)	066-30026	D-30500 (1)
T182	1978						D-30665 (2)
	1981 and on	D-30660-3 (7)	164-30615-3	164-30804-3	C-30118-3, -4 (7)	066-30026	D-30500 (1)
R182, TR182, FR182 (Reims)	1978 and on	40-75B (8)	164-01501	164-11501	30-52U (8)	066-10500	D-30500 (1)
185, 185A	185-0001 thru 185-0512	40-32 (3)	164-00700	164-10700	30-21 (3)	066-10600	N/A
185B	185-0513 thru 185-0653	40-66 (3)	164-00700	N/A	30-21 (3)	066-10600	
185C, D, E	185-0654 thru 185-1095	40-75B	164-01501	164-11501	30-52	066-10500	
A185E, F	185-1096 and on	40-75B	164-01501	164-11501	30-52	066-10500	
A185E, F	185-1471 and on	40-75D	164-03601	164-13601	30-52D (3) (6)	066-10500	D-30380
A185E	185-1150 thru 185-1447	40-66 (3)	164-00700	N/A	30-21 (3)	066-10600	
185 Series Skywagon (Aircraft equipped with McCauley)	1973 to 1974	D-30063-1 (3)(7)	N/A	N/A	D-30118-1, -2 (3)(7)	066-30026	D-30380
		D-30291-3 (7)	164-30414	164-23900	D-30118-5, -6 (7)	066-30026	
	1974	D-30063-4 (3)(7)	N/A	N/A			
	1974 to 1978	D-30291-1 (7)	164-30388	164-24100			
	1978 and on	D-30660-2 (7)	164-30615-2	164-30804-2			

(1) 5.00-5 Equipment

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Superseded by D-30665.

(5) Superseded by 30-63A.

(6) Superseded to 30-52N.

(7) Superseded equipment – refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.

(8) Replaces Main Wheel Assembly D-30660-3 and Brake Assembly D-30118-3, -4 per Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120.

188, A188, 188A, A188A, 188B, A188B, T188C	1966 to 1972	40-75B	164-01501	164-11501	30-52B	066-10500	N/A
		40-101A (2)	164-03106	N/A	30-67A	066-10800	
	1973 and on	40-101 (1)(2)	N/A	164-03006	30-67C	066-10800	D-30380
		40-98A (3)	164-02707	N/A	30-66A	066-11000	

(1) Chrome Disc is Standard Equipment.

(2) Aircraft equipped with 8.50-10 tire.

(3) Aircraft equipped with 22 x 8.00-8 tire.

205	205-0001 thru 205-0480	40-67 (3)	164-00700	164-10700	30-35 (3)	066-10600	40-55 (2)(3)
							40-77 (1)
205A	205-0481 to 205-0577	40-75B	164-01501	164-11501	30-52	066-10500	40-76A (2)

(1) 5.00-5 Equipment.

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

Cleveland  
Wheels & Brakes

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
<b>Cessna - continued</b>							
206	206-0001 thru 206-0275	40-75B	164-01501	164-11501	30-52	066-10500	40-76A (2) or 40-77 (1)
U206	U206-0276 thru U206-1256	40-75B	164-01501	164-11501	30-52	066-10500	40-77 (1)
	U206-1257 and on	40-75D (5)	164-03601	164-13601	30-52N (5)	066-10500	40-77 (1)
P206	P206-0001 thru P206-0566	40-75B	164-01501	164-11501	30-52	066-10500	40-77 (1)
	P206-0567 and on	40-75D (5)	164-03601	164-13601	30-52N (5)	066-10500	40-77 (1)
206H, T206H	1996 and on	40-75B	164-01501	164-11501	30-52U	066-10500	40-76A (2) or 40-77 (1)
		40-75T (5)	164-08300	164-18300	30-52W (5)	066-10500	
206 Series (Aircraft equipped with McCauley)	1971 to 1973						D-30053 (3)
	1973						D-30204 (2)(4)
	1973 to 1974						C-30174 (1)(3)
	1973 to 1975						D-30255 (2)(4)
	1974	D-30063-2 (3)(6)	N/A	N/A	D-30118-3, -4 (6)	066-30026	N/A
	1974 to 1978	D-30291-2 (6)	164-30398	164-24000			
	1978 and on	D-30660-3 (6)	164-30615-3	164-30804-3			
	1974	D-30063-4 (3)(6)	N/A	N/A	D-30118-5, -6 (5)(6)	066-30026	
	1974 to 1978	D-30291-1 (5)(6)	164-30388	164-24100			
	1978 and on	D-30660-2 (5)(6)	164-30615-2	164-30804-2	D-30118-5, -6 (5)(6)	066-30026	D-30665 (2)
	1976						D-30585 (2)(4)
							D-30480 (1)(3)
	1977						D-30625 (2)(4)
	1976 and on						D-30500 (1)
207 Series	207-00001 and on	40-75B	164-01501	164-11501	30-52F	066-10500	40-77 (1)
		40-75D (5)	164-03601	164-13601	30-52E (5)	066-10500	40-76A (2)
207 Series (Aircraft equipped with McCauley)	1971 to 1973						D-30053 (3)
	1973						D-30204 (2)(4)
	1973 to 1974						C-30174 (1)(3)
	1973 to 1975						D-30255 (2)(4)
	1976						D-30585 (2)(4)
	1977						D-30625 (2)(4)
	1974 to 1976						D-30480 (1)(3)
	1978 and on						D-30665 (2)
	1976 and on						D-30500 (1)

(1) 5.00-5 Equipment

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) Superseded by D-30665.

(5) Optional - for 8.00-6 tire usage.

(6) Superseded equipment – refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.

## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Cessna - continued

208 Caravan 1	1 thru 138	40-179	164-22201	N/A	30-163	066-03300	40-177A
	139 and on				30-182	066-03300	
208B	1 thru 53	40-179	164-22201	N/A	30-163	066-03300	40-177A
	54 and on				30-182	066-03300	
210A, B	210-57734 thru 210-58085						40-35 (2)
210C	210-58086 thru 210-58220	40-21 (2)	164-00900	164-10900	30-45 (2)	066-11100	40-68 (2)
210D thru M	210-58221 thru 210-62954	40-75B	164-01501	164-11501	30-52	066-10500	40-77 (1)
T210F	T210-0001 and on						
P210	1984	40-142	164-07800	N/A	30-127C	066-06200	
210N	210-62955 and on	40-75B	164-01501	164-11501	30-52V	066-10500	
P210N	1979 and on						
210 Series (Aircraft equipped with McCauley)	1971 to 1973						D-30053 (2)
	1973 to 1974						C-30174 (1)(2)
	1974	D-30063-2 (2)(3)	N/A	N/A	D-30118-3, -4 (3)	066-30026	N/A
	1974 to 1978	D-30291-2 (3)	164-30398	164-24000			
	1978 and on	D-30660-3 (3)	164-30615-3	164-30804-3			
	1976						D-30480 (1)(2)
	1976 and on						D-30500 (1)

(1) 5.00-5 Equipment.

(2) Inactive.

(3) Superseded equipment – refer to Cessna Service Bulletin SEB00-5 and Cessna Service Kit SK182-120 for replacement wheels and brakes.

303, T303	1982 and on	40-142	164-07800	N/A	30-127A	066-06200	40-76A
		40-98H (1)	164-08406	N/A	30-66F	066-04400	N/A
305A, B, C, D, E (3), F	1951 and on	40-97E	164-02601	164-12601	30-63K	066-10500	
		40-75F	164-01501	164-11501	30-52L (2)	066-10500	

(1) 6.50-8 Equipment. Optional.

(2) Used with 075-07500 (Left Hand) and 075-07600 (Right Hand) Torque Plates - order from airframe manufacturer only.

(3) Ref: USAF O-1A, -1E, -1G/-1D and -1F (for conversions) all except Model F.

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
<b>Cessna - continued</b>							
310 Series	1976 to 1981	40-40A	164-00806	N/A	30-28B	066-03300	N/A
	1981 and on	40-40D	164-20206	N/A			
	1976 to 1977						D-30288 (1)(4)
	1978 to 1980						D-30665 (4)
	1981 and on						D-30665-1 (4)
335	1979 and on	40-40A	164-00806	N/A	30-28B	066-03300	N/A
336 Skymaster	336-0001 thru 336-0098	40-67 (1)	164-00700	164-10700	30-35 (1)	066-10600	40-55 (1)
	336-0099 and on	40-75B	164-01501	164-11501	30-52	066-10500	40-76A
337, 337A	1965 to 1966 337-0001 thru 337-0525	40-96A (2)	164-02504	164-12504	30-61	066-10500	40-76A
337B	1967 337-0526 thru 337-0619	40-96A (2)	164-02504	N/A	30-61A (3)	066-03600	N/A
337B thru D	337-0620 thru 337-1193	40-96A (2)	164-02504	164-12504	30-61D	066-10500	
337E	337-01194 and on	40-98A	164-02707	N/A	30-69B	066-02200	
337 Series, F337 FT337 (Reims)	1973						D-30204 (4)
	1973 to 1975						D-30255 (4)
	1976						D-30585 (4)
	1977						D-30625 (4)
	1978 and on						D-30665 (4)

(1) Inactive.

(2) Superseded to 40-96E.

(3) Superseded by 30-61D for this application.

(4) Superseded by 40-140A.

340 Series	1972 to 1981	40-40A	164-00806	N/A	30-28B	066-03300	N/A
	1981 and on	40-40D	164-20206	N/A			
	1976 to 1977						D-30288 (1)(2)
	1978 to 1980						D-30665 (2)
	1981 and on						D-30665-1 (2)
401 Series	All	40-40A	164-00806	N/A	30-28B	066-03300	40-76A
402 Series	All	40-135 (1)	164-06406	N/A	30-100	066-06600	N/A
	1981 and on	40-135A	164-20306	N/A			
	1976 to 1977						D-30288 (1)(2)
	1978 to 1980						D-30665 (2)
	1981 and on						D-30665-1 (2)
404 Titan	404-00001 and on	40-132	164-09100	N/A	30-97	066-06400	N/A
	1976 to 1977						D-30288 (1)(2)
	1978 to 1980						D-30665 (2)
	1981 and on						D-30665-1 (2)
411, 411A	1965 to 1968	40-40A	164-00806	N/A	30-28B	066-03300	40-76A
414 Chancellor		40-40A	164-00806	N/A	30-28B	066-03300	40-76A
414A	1981 and on	40-135 (1)	164-06406	N/A	30-100	066-06600	
		40-135A	164-20306	N/A			
414 Series	1976 to 1977						D-30288 (1)(2)
	1978 to 1980						D-30665 (2)
	1981 and on						D-30665-1 (2)

(1) Inactive.

(2) Superseded by 40-140A.

Cleveland  
Wheels & Brakes

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Cessna - continued

421C	1976 to 1980	40-135 (1)	164-06406	N/A	30-100	066-06600	N/A
	1981 and on	40-135A	164-20306	N/A			
421 Series	1976-1977						D-30288 (1) (3)
	1978-1980						D-30665 (3)
	1981 and on						D-30665-1 (3)
425	425-0001 and on	40-138 (1)	164-05500	N/A	30-113 (1)	066-06400	D-30665 (3)
		40-138A	164-05500	N/A	30-113A	066-06400	
441	1978 and on						D30665-1 (3)
552 (T-47A)		40-202	(2)	N/A	30-161 (1)	(2)	N/A
S550 Citation SII		40-202	(2)	N/A	30-161A	(2)	
A-37, T-37							D-30570

(1) Inactive.

(2) Internal Wheel &amp; Brake. See Brake Section for lining/heat stack components.

(3) Superseded by 40-140A.

## Christen - see Aviat

## Cirrus Design Corp.

SR-20		40-414 (1)	164-24400	N/A	30-239 (1)	066-14100	40-77
SR-20	1601 and on	40-75P	164-01501	164-11501	30-52AB	066-10500	
SR-22		40-75P (2)	164-01501	164-11501	30-52 (2)	066-10500	
SR-22	1740 and on	40-406	164-02504	N/A	30-233B	066-06200	

(1) Upgrade to 40-75P/30-52AB per Cirrus Service Bulletin SB2X-32-13. Reference Parker Service Bulletin SB7084.

(2) Upgrade to 40-406/30-233B per Cirrus Service Bulletin SB2X-32-13. Reference Parker Service Bulletin SB7085.

## Classic Aircraft

YMF-5 Waco	F5001 and on	40-223	164-03106	N/A	30-176	066-10800	40-199A (1)
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(1) Not TSO approved - order from airframe manufacturer only.

## Commander - see Grumman American

## Daimler Benz / M.B.B.

B.O. 208		40-12	164-00400	N/A	30-9	066-10600	40-18 (1)
B.O. 209 Monsun		40-78B	164-01700	164-11700	30-9	066-10600	40-77A

(1) Inactive.

## Diamond Aircraft

DA20 Katana		40-78E	164-24200	N/A	30-9D	066-10600	N/A
DA40		40-414A	164-01700	164-11700	30-239A	066-10600	40-77
DA42 Twin Star		40-75Z	164-01501	N/A	30-52Z (1)	066-10500	N/A

(1) Use with 075-22800 (L.H.) or 075-22850 (R.H.) torque plate.

## Eagle Aircraft Co.

220, 300 Eagle (1)	1 and on	40-101	N/A	164-03006	30-89A (2)	066-10800	N/A
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(1) Originally produced by Bellanca Aircraft for Eagle Aircraft (1979 thru 1981).

# Cleveland

Wheels & Brakes



## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Ector Aircraft Co., Inc.**

Civil version of Cessna L-19 Bird Dog, Mountaineer, Super Mountaineer		40-97A	164-02601	164-12601	30-63A	066-10500	N/A
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**Edgley Aircraft Ltd. - see Lovaux****Email AG Aircraft Co.**

MA-1B Diablo 1200	1978 and on	40-139 (1)	N/A	164-07306 (1)	30-111 (1)	066-10800	N/A
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(1) Not TSO approved - order from airframe manufacturer only.

**Embraer**

EMB-312 (T-27) Tucano		40-130	164-07906	N/A	30-95B (1)	066-06600	40-77B (2) or 40-77G
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(1) Specify LH or RH when ordering.

(2) Upgrade to 40-77G is required for 10 ply tire usage.

**Fairchild Aircraft (1)**

SA226, SA227 SA227CC	All models						40-212 (2)(3)
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(1) Formerly Swearingen.

(2) Alternate, for spares only.

(3) Use existing aircraft axle spacers in place of 067-08800 spacers furnished with the 40-212 wheel.

**FFA Flugzeugwerke Altenrhein AG**

AS202-18A4	224 and on	40-97A	164-02601	164-12601	30-63A	066-10500	40-77B
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**Found Brothers**

100 Centennial		40-75B	164-01501	164-11501	30-52	066-10500	N/A
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**GAF - Australia**

N22, N24, N22B		40-75T (1)	164-08300	164-18300	30-52Q	066-10500	40-140A (2)
N24A		40-143 (3)	164-08200	N/A	30-129 (3)	066-06200	

(1) Supersedes 40-75S.

(2) Supersedes 40-76D.

(3) Heavy-duty option.

**General Avia (Italy)**

F.20, F.20TP		40-75G	164-01501	164-11501	30-52P	066-10500	N/A
F.22		40-151	164-08500	N/A	30-164	066-06200	40-77C
F.1300		40-131	164-05700	N/A	30-96	066-06200	40-77C

**Cleveland**  
Wheels & Brakes



## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Great Lakes Aircraft Co. (1)**

2T-1A, 2T-1A-1, 2T-1A-2		<a href="#">40-113</a>	164-04000	164-14000	<a href="#">30-75</a>	066-10500	N/A
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(1) Resumed production in 1984.

**Grob - Subsidiary of Grob Werke GMBH**

G103, G103C		<a href="#">40-97A</a>	164-02601	164-12601	<a href="#">30-63A</a>	066-10500	N/A
G109 Series		<a href="#">40-78B</a>	164-01700	164-11700	<a href="#">30-9</a>	066-10600	
G115, -A, -B, -C		<a href="#">40-78B</a>	164-01700	164-11700	<a href="#">30-9</a>	066-10600	<a href="#">40-77B</a>
G115-T		<a href="#">40-84</a>	164-01900	164-11900	<a href="#">30-41B</a> (1)	066-10600	<a href="#">40-77B</a>
G115-TA		<a href="#">40-84</a>	164-01900	164-11900	<a href="#">30-41B</a> (2)	066-10600	<a href="#">40-77B</a>

(1) Use with 075-15600 torque plate. Order from airframe manufacturer only.

(2) Use with 075-19700 (L.H.) or 075-19750 (R.H.) torque plate. Order from airframe manufacturer only.

**Group Genesis Inc.**

Genesis 2		<a href="#">40-78B</a>	164-01700	164-11700	<a href="#">30-9E</a>	066-10600	N/A
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**Grumman American (Gulfstream Aerospace)**

AA1, A, B, TR-2	All models thru 1974	<a href="#">40-86A</a>	164-02000	164-12000	<a href="#">30-55B</a>	066-10500	<a href="#">40-77A</a>
	1975 and on	<a href="#">40-88C</a>	164-02000	164-12000	<a href="#">30-56B</a>	066-10500	
AA-5	All models thru 1974	<a href="#">40-86A</a>	164-02000	164-12000	<a href="#">30-55B</a>	066-10500	<a href="#">40-77A</a>
AA-5A, -5B (1)	1975 and on	<a href="#">40-88C</a>	164-02000	164-12000	<a href="#">30-56B</a>	066-10500	<a href="#">40-77A</a>
GA-7		<a href="#">40-90</a>	164-02201	N/A	<a href="#">30-23B</a> (3)	066-06500 pp 066-06200 bp	<a href="#">40-76G</a>
112, 112A, B (2)	1 thru 495	<a href="#">40-113A</a>	164-04300	164-14300	<a href="#">30-79</a>	066-10500	<a href="#">40-77A</a>
	500 and on	<a href="#">40-75H</a>	164-01501	164-11501	<a href="#">30-52H</a>	066-10500	
112TC, 112TCA, 114, 114B (2)	13000 and on	<a href="#">40-75H</a>	164-01501	164-11501	<a href="#">30-52H</a>	066-10500	<a href="#">40-77A</a>

(1) TC currently owned by American General Aviation.

(2) TC currently owned by Commander Aircraft.

(3) Use with Airframe supplied Torque Plate (075-05801).

**Gulfstream Aerospace (1)**

690B, 690C, 695, 695A, (2) 840, 980, 1000	1980 and on	<a href="#">40-107A</a>	164-07200	N/A	<a href="#">30-107</a> (3) <a href="#">30-107B</a> (3) <a href="#">30-107A</a> (3)(4) <a href="#">30-107C</a> (5) <a href="#">30-107D</a> (4)(6)	066-09000	N/A
700		<a href="#">40-128C</a>	164-05006	N/A	<a href="#">30-93A</a>	066-02200	<a href="#">40-76E</a>

(1) Formerly Rockwell International.

(2) TC Currently owned by Twin Commander.

(3) Inactive.

(4) Uses Skydrol Fluid only.

(5) Supersedes 30-107 and 30-107B.

(6) Supersedes 30-107A.



## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Helio Aircraft Ltd.**

H-250, H-295, 391, 395 Courier		40-75E	164-01501	164-11501	30-52A	066-10500	N/A
		40-75D	164-03601	164-13601	30-52N	066-10500	
		40-75T	164-08300	164-18300			
		40-98A (1)	164-02707	N/A	30-66A (1)	066-11000	

(1) For aircraft equipped with 6.50-8 Main Wheels and Brakes.

**Hunting Firecracker Aircraft Ltd. (1)**

NDN 1T (2)		40-120C	164-21600	N/A	30-83A	066-06200	40-77B
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(1) Purchased design from NDN Aircraft Ltd.

(2) Military Trainer.

**Industria Unidas SA (Mexico) (1)**

A-9B		40-99	164-02800	N/A	30-41 (2) (3)	066-10600	N/A
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(1) Produced by Aeronuatica Mexicana S.A.

(2) Use with Airframe supplied Torque Plate  
(either 075-02900 or 075-00500).(3) Inactive - Superseded by  
30-41B.**The Lancair Company (Certified Aircraft Division)**

Columbia Model 300		40-406A	164-02504	N/A	30-233A	066-06200	40-77G
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**LAVIASA (1)**

PA-25 Pawnee	25-1 thru 25-1999	3070	159-00100 (2)	N/A	3000-250 (3)	066-10600	N/A
PA-25-235, PA-25-235B	25-2000 thru 25-2136	40-61	164-01300	N/A			
	25-2137 thru 25-4171	40-61	164-01300	N/A	30-41 (3)(4)	066-10600	
PA-25-235C, D PA-25-260C, D	25-4172 thru 25-7656119	40-84A	164-03300	164-13300	30-41B (3)		
	25-7656120 and on	40-84A	164-03300	164-13300		066-10600	

(1) LAVIASA (Latino Americana de Aviacion S.A., Buenos Aires, Argentina) has purchased the  
Piper Pawnee Type Certificate, and now provides Spares Support.

(2) For replacement order 159-00104, includes rivets..

(3) Use with airframe supplied torque plate (075-02400).

(4) Superseded by 30-41B.

**Lovaux (1)**

EA7 Optica	1 and on	40-86	164-02000	164-12000	30-55	066-10500	40-77
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(1) Formerly Edgley Aircraft Ltd.

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**M.B.B. - see Daimler Benz****Marsh Aviation Co.**

S2R-T		40-129	N/A	164-05606	30-94	066-10800	40-112
		40-133 (1)	N/A	164-05806	30-98 (1)	066-10800	
G-164C-T		40-133 (1)	N/A	164-05806	30-84	066-10800	40-112

(1) Aircraft equipped with 29 x 11.00-10 tires.

**Maule Air Inc.**

M4 Series		3040 (1)	169-00101	N/A	C2000 (1)	066-00504 (3)	N/A
		40-97D	164-02601	164-12601	30-63E	066-10500	
M5 , M6 Series		40-97D	164-02601	164-12601	30-63E	066-10500	
M7 Series		40-75D (2)	164-03601	164-13601	30-52N (2)	066-10500	N/A
M9 Series		40-75D	164-03601	164-13601	30-52AA (4)	066-10500	
MXT-180							

(1) Aircraft Equipped with Drum-type brakes.

(2) Heavy duty option (2 piston brake).

(3) Brake shoes, includes rivets.

(4) Use with 075-23100 (L.H.) or 075-23150 (R.H.) torque plate.

**McCulloch**

J-2 Helicopter		40-78B	164-01700	164-11700	30-9	066-10600	40-112 (1)
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(1) Some models equipped with 40-77 nose wheel.

**Mitsubishi**

MU2B-20, -25, -26, -26A -30, -35, -36, -36A, -40, -60							40-87
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**Mooney Aircraft Corp.**

M10 Cadet (1)	690001 and on	40-97 (2)	164-02601	164-12601	30-63 (2)	066-10500	40-17 (3)
M20, M20A	1001 thru 1400	3040 (4)	169-00101	N/A	C2000 (4)	066-00504 (5)	N/A
M20A, M20B, Mark 20, M20C, M20D M20E Super 21	1401 thru 3466 101 thru 260 101 thru 1308	40-24 (3)	164-00900	164-10900	30-5 (3)	N/A	40-33 (3) (7)
M20C M20E M20F M20G M20J M20K M20 Series All models listed above	670001 & on 670001 & on 660003 & on 680001 & on 24-0001 & on 25-0001 & on	40-86	164-02000	164-12000	30-56A	066-10500	40-87
		40-86E (6)	N/A	164-12000	30-56D (6)	066-10500	
M20M	All S/N	40-90A	164-02300	164-12300	30-65	066-10500	40-87

(1) Ercoupe.

(2) 40-97/30-63 superseded by 40-97A/30-63A.

(3) Inactive.

(4) Drum-type brake.

(5) Brake shoe, includes rivets.

(6) Chrome disc equipment.

(7) Superseded by 40-87.

**Cleveland**  
Wheels & Brakes

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## NDN Aircraft Ltd. (1)

NDN6 Fieldmaster		40-175	164-21100	N/A	30-149	066-06600	N/A
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(1) TC currently held by Croplease PLC.

## Pacific Aerospace Corp., Ltd. (1)

FU24 Fletcher FU24-950 FU24-954 FU24A-954	1978 and on	40-47	164-01100	N/A	30-32 (2) 30-32C	N/A 066-10600	N/A
08-600 Cresco		40-101	164-03006	N/A	30-89E (3)	066-10800	40-140A
CT/4E Airtrainer	S/N 200 and on	40-97F	164-02601	164-12601	30-63S	066-10500	40-77
750XL		40-179A (4)	164-03006	N/A	30-182	066-10800	40-140A

(1) Formerly New Zealand Aerospace Ind. Ltd.

(2) Inactive, replaced by 30-32C (both brakes must be changed over).

(3) Supersedes 30-89.

(4) Supersedes 40-179.

## Partenavia

P.64B, P.66B	1970 and on	40-28	164-00500	164-10500	30-18	066-10600	40-77B
P.66C-160, P.66T		40-86B	164-02000	164-12000	30-55	066-10500	40-77B
P.68, P.68B, P.68C, P.68C-TC		40-96E 40-142 (1)	164-02504 164-07800	164-12504 N/A	30-61E 30-127 (1)	066-10500 066-06200	40-77B
Series 300		40-163	164-20500	N/A	30-139	066-06200	40-77B

(1) Heavy duty option.

## Pilatus Britten-Norman Ltd.

BN-2, BN-2A	1969 thru 1979	40-90 (6)	164-02201	N/A	30-23A (1) (2)	N/A	40-76C
BN-2B, BN-2T	1979 and on	40-90B (6)	164-02201	N/A	30-23C (2) (3) (6)	066-06500 066-06200	40-76D
BN-2 Series	ALL	40-90F (4)	164-01506	N/A	30-23D (2) (4)	066-06500 066-06200	
BN-2A Mk111 BN-2A Mk111-2 BN-2A Mk111-3		40-98F	164-02706	N/A	30-66H (5)	066-02200	40-76D
Defender 4000		40-128E	164-23300	N/A	30-93E	066-04400	40-76D

(1) Inactive.

(2) Used with 075-06800 (R.H.) or 075-06900 (L.H.) torque plate. Order from airframe manufacture only.

(3) Supersedes 30-23A.

(4) For aircraft equipped with 7.00-6 tires.

(5) Supersedes 30-66D per Service Bulletin SB7053.

(6) 199-202 Wheel &amp; Brake Upgrade Kit converts 40-90 or 40-90B/30-23C to 40-90F/30-23D. TSO approved per PRM57.

## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Piper (The New Piper Aircraft, Inc.)**

PA-18-150, PA-18A-150	18-7609137 & on	<a href="#">40-60</a>	164-06700	164-16700	<a href="#">30-60</a> (3) (4)	066-10600	N/A
PA-22 Tri-Pacer		<a href="#">3040</a> (1)	169-00101	N/A	<a href="#">C2000</a> (1)	066-00504 (2)	<a href="#">40-8</a>
PA-22-108 Colt		<a href="#">40-28</a>	164-00500	164-10500	<a href="#">30-18</a>	066-10600	<a href="#">40-8</a>

(1) Aircraft equipped with Drum-type brakes.

(2) Brake Shoe, includes rivets.

(3) Inactive.

(4) Superseded by 30-60A. 30-60A superseded by 30-60B.

PA-23-150, -160		<a href="#">3080A</a>	159-00200 (1)	N/A	<a href="#">3000-500</a>	066-10600	<a href="#">38501</a> (2)
PA-23-235	27-1 thru 27-3737	<a href="#">3080B</a>	164-00206	N/A	<a href="#">37-200-2</a>	066-10600	<a href="#">38501</a> (2)
PA-23-250	27-3738 thru 27-7554137, 27-7554139, 27-7554141 thru 27-7554149	<a href="#">3080D</a>	164-03206	N/A	<a href="#">37-200A</a>	066-06500 pp 066-06200 bp	<a href="#">38501</a> (2)
	27-7554138	<a href="#">40-131</a>	164-05700	N/A	<a href="#">30-96</a>	066-06200	<a href="#">40-76B</a>

(1) For replacement order 159-00204, includes rivets.

(2) Aircraft manufactured after 1971 are equipped with 40-76B nose wheel.

PA-24-180, -250, Comanche -260	24-1 thru 24-3295	<a href="#">3070</a>	159-00100 (1)	N/A	<a href="#">3000-250</a> (5)	066-10600	<a href="#">38501</a> (2)
	24-3296 thru 24-3306	<a href="#">3070</a>	159-00100 (1)	N/A	<a href="#">30-41</a> (3) (4)	066-10600	
	24-3307 and on	<a href="#">40-58</a>	164-00900	164-10900	<a href="#">30-41B</a> (3)	066-10600	
		<a href="#">40-84</a>	164-01900	164-11900		066-10600	
PA-24-400	24-130 and on	<a href="#">40-90</a>	164-02201	N/A	<a href="#">30-23</a> (3)	066-06500 pp 066-06200 bp	

(1) For replacement order 159-00104, includes rivets.

(2) Aircraft manufactured after 1971 are equipped with 40-76B nose wheel.

(3) Use with airframe supplied torque plate (075-02900).

(4) Inactive - superseded by 30-41B.

(5) Use with airframe supplied torque plate (075-02400)

PA-25 Pawnee Series (1)							
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(1) [See LAVIASA.](#)

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Piper (The New Piper Aircraft, Inc.) - continued

PA-28-140 Cherokee/Crusier	28-20002 thru 28-20520	40-28	164-00500	164-10500	30-18	066-10600	38501
	28-20521 thru 28-7725334	40-86	164-02000	164-12000	30-55	066-10500	
	28-7725335 and on	40-86	164-02000	164-12000	30-55	066-10500	40-76B
	1974 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-76F
PA-28-150 Cherokee	28-1 thru 1760	40-28	164-00500	164-10500	30-18	066-10600	38501
PA-28-160	28-1761 and on	40-86	164-02000	164-12000	30-55	066-10500	
PA-28-151 Cherokee/Warrior		40-86B	164-02000	164-12000	30-55	066-10500	40-77A
	1979 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-77B
PA-28-161 Cherokee Warrior II		40-86B	164-02000	164-12000	30-55	066-10500	40-77B
	1977 and on (McCauley)	40-86B	164-02000	164-12000	30-55	066-10500	D-30500

(1) Heavy duty option.

(2) Superseded by 30-41B.

PA-28-180 Cherokee/Archer	28-1 thru 28-1760	40-28	164-00500	164-10500	30-18	066-10600	38501
	28-1761 thru 28-7205244	40-86	164-02000	164-12000	30-55	066-10500	
	28-7205245 and on	40-86	164-02000	164-12000	30-55	066-10500	40-76B
	1974 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-76F
PA-28-181 Cherokee/Archer II		40-86B	164-02000	164-12000	30-55	066-10500	40-76F
	1979 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-56
PA-28-235 Cherokee/Pathfinder	28-10487 and on	40-86	164-02000	164-12000	30-55	066-10500	40-76B
	1974 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-76F
PA-28-236 Dakota	28-7911001 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-56
	28-8111001 and on	40-90A (1)	164-02300	164-12300	30-65 (1)	066-10500	
PA-28R-180 Cherokee/Arrow 180	28R-30005 thru 28R-71300005	40-84	164-01900	164-11900	30-41 (2)	066-10600	40-77A
	28R-7130006 and on	40-86	164-02000	164-12000	30-55	066-10500	40-77A
	1974 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-77B
	1977 and on (McCauley)	40-86B	164-02000	164-12000	30-55	066-10500	D-30500
PA-28R-200 Cherokee/Arrow 200	28R-35001 thru 28R-7135109	40-84	164-01900	164-11900	30-41 (2)	066-10600	40-77A
	28R-7135110 and on	40-86	164-02000	164-12000	30-55	066-10500	
	1974 and on	40-86B	164-02000	164-12000	30-55	066-10500	40-77B
	1977 and on (McCauley)	40-86B	164-02000	164-12000	30-55	066-10500	D-30500
PA-28-201T, PA-28R-201, PA-28RT-201		40-86B	164-02000	164-12000	30-55	066-10500	40-77B
PA-28R-201T	(McCauley)	40-86B	164-02000	164-12000	30-55	066-10500	D-30500

(1) Heavy duty option.

(2) Superseded by 30-41B.

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Piper (The New Piper Aircraft, Inc.) - continued

PA-30 Twin Comanche	30-2 thru 30-845	40-34	164-01000	N/A	30-23 (1)	066-06500 pp 066-06200 bp	38501
	30-845 and on	40-90	164-02201	N/A			
	1971 and on	40-90	164-02201	N/A			40-76B

(1) Use with Airframe supplied Torque Plate (075-02900).

PA-31-300, -310 Navajo	31-5 thru 31-7300962	40-102	164-03506	N/A	30-68	066-03300	40-76B or 40-140 (1)
PA-31-325 Navajo C/R	31-7300963 and on	40-102A	164-04406	N/A	30-68A (2)	066-03300	40-76B or 40-140 (1)
PA-31-350 Chieftain	31-5001 thru 31-7652075	40-102A	164-04406	N/A	30-68A (2)	066-03300	40-76B or 40-140 (1)
	31-7812001 and on	40-130 (1)	164-07906 (3)	N/A	30-95A (1) (4)	066-06600	
	31-7652076 and on	40-130	164-07906 (3)	N/A	30-95 (4) (5)	066-06600	
T-1020		40-130	164-07906	N/A	30-95A (4)	066-06600	40-140
		40-141 (1)	164-07700	N/A	30-123 (1)	066-06800	
PA-31T Cheyenne I, IA, II	31-780015 and on	40-106	164-03906	N/A	30-106	066-06800	40-140
		40-106A (6)	164-03906	N/A			
PA-31T2 Cheyenne IIXL							40-140
T-1040		40-167	164-20600	N/A	30-142	066-07300	40-140

(1) Heavy duty option.

(2) Inactive - superseded by 30-68B.

(3) 164-07906 supersedes 164-05200.

(4) When ordering, specify LH or RH.

(5) Inactive - superseded by 30-95A.

(6) 40-106A has provisions for attachment dust shield.

PA-32-260 Cherokee Six "260"	32-1 thru 32-7200029	40-90	164-02201	N/A	30-65	066-10500	38501
	32-7200030 and on						40-76B
	1974 and on	40-90A	164-02300	164-12300			40-76F
	All	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
PA-32-300 Cherokee Six "300"	32-40000 thru 32-7240100	40-90	164-02201	N/A	30-65	066-10500	38501
	32-7240101 and on	40-90	164-02201	N/A	30-65	066-10500	40-76B
	1974 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-76F
	All	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
PA-32R-300 Cherokee/Lance	1976 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-77B
		40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
	1977 and on (McCauley)	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	D-30500
PA-32RT-300 Lance II	7885002 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-77B
		40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
	1978 and on (McCauley)	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	D-30500
PA-32RT-300T Turbo Lance II	7887001 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-77B
		40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
	1978 and on (McCauley)	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	D-30500

(1) Heavy duty option.

Cleveland  
Wheels & Brakes

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Piper (The New Piper Aircraft, Inc.) - continued**

PA-32-301, 301T Saratoga and SP Series		40-90A	164-02300	164-12300	30-65	066-10500	40-77B
		40-120C (1)	164-21600	N/A	30-83A	066-06200	
PA-34-200 Seneca	7250001 and on	40-90	164-02201	N/A	30-65	066-10500	38501
	7250217 and on	40-90	164-02201	N/A	30-65	066-10500	40-76B
	1974 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-76F
	All	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
PA-34-200T Seneca II	7570001 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-56B (2)
		40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
PA-34-220T Seneca III		40-90A	164-02300	164-12300	30-65	066-10500	40-56B or 40-77B
		40-120C (1)	164-21600	N/A	30-83A (1)	066-06200	

(1) Heavy duty option.

(2) Supersedes D-30665 and D-30265.

PA-36 Pawnee Brave		40-101	N/A	164-03006	30-67B	066-10800	N/A
PA-38-112		40-78B	164-01700	164-11700	30-9B (2)	066-10600	40-77C
Tomahawk		40-59D (1)	164-06900	N/A	30-53A (1)	066-11200	40-56 (1)

(1) Used on early 1980 Aircraft - those equipped with 6.00-6 main and nose wheels.

(2) Inactive - superseded by 30-9.

PA-39 Twin Comanche		40-90	164-02201	N/A	30-23 (1)	066-06500 pp 066-06200 bp	N/A
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(1) Use with airframe supplied Torque Plate (075-02900).

PA-42 Cheyenne III, IIIA							40-140
PA-42-1000 (400LS) Cheyenne IV		40-176	(1)	N/A	30-150	(1)	40-140

(1) Internal Wheel &amp; Brake - See Brake Section for lining/heat stack components.

PA-44-180 Seminole	7995001 and on	40-90A	164-02300	164-12300	30-65	066-10500	40-77B or D-30500
		40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	
PA-44-180T	1 and on	40-120 (1)	164-21600	N/A	30-83 (1)	066-06200	

(1) Heavy duty option.

PA-46-310P, -350P		40-120C	164-21600	N/A	30-83A	066-06200	40-77B
PA-46-500 Meridian		40-142	164-07800	N/A	30-127D	066-06200	40-77B
PA-46-500TP Meridian							40-77G (1)

(1) Upgrade from 40-77B per SB7083. Refer to SB7083 for applicability.

**Piper Aerostar - see Aerostar Aircraft****Pitts - see Aviat**

## Applicability Data

## Original Equipment

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
<b>Raytheon Aircraft Company (5)</b>							
23, 24	1971 and on	40-113C	164-04300	164-14300	30-79A	066-10500	40-87A (4) or 40-113B (2)
B19, C33, 24R	1974 to 1977				30-75B	066-10500	
	1978 and on	40-59	164-06900	N/A	30-59	066-11200	40-87A (4)
33, A33 B33	CD-1 thru 387	40-1 (3)	164-00900	164-10900	30-1 (3)	066-11100	N/A
	CD-388 thru 639	40-37 (3)	164-00700	164-10700	30-24 (3)	066-10600	
G33, F33A, F33C, V35BTC, 36	CD-1272 thru 1304 CE-301 thru 634 CJ-31 thru 124 D-9193 thru 9861 E-1 thru 824 D-9862 and on	40-83	164-02504	164-12504	30-54	066-10500	40-87D
					30-54A	066-10500	40-77E
F33A, F33C  A36, A36TC  F33A, F33C	CE-635 thru 1071 CJ-125 thru 155 E-825 thru 1802 EA-1 thru 186 CE-1072 and on CJ-156 and on	40-83A	164-02505	164-12505	30-54A	066-10500	40-87D
					30-54C	066-10500	40-77E
A36, A36TC  A36, B36TC	E-1803 thru 2254 EA-187 thru 442 E-2255 and on EA-443 and on	40-83B	164-02505	164-12505	30-54A	066-10500	40-77E
					30-54C	066-10500	
C55 D55 E55 56TC A56T 58	TE-1 and on TE-452 and on TE-768 and on TG-1 thru TG-83 TG-84 and on TH-1 and on	40-98	164-02706	N/A	30-66	066-04400	N/A
					30-69A	066-02200	40-87A (4)
					30-66	066-04400	
B55, E55, 58	1978	40-128 (1)	164-06106	N/A	30-93B (1)	066-04400	N/A
	1979 and on	40-98G	164-02706	N/A	30-66G	066-09700	
		40-128D (1)	164-06106	N/A	30-93C (1)	066-09700	
58P, 58TC	1984 and on	40-171	164-20806	N/A	30-145	066-09700	
B60	1984 and on	40-171	164-20806	N/A	30-145	066-09700	40-56C
76		40-83	164-02504	164-12504	30-54B	066-10500	40-87A (4)
77		40-59	164-06900	N/A	30-59D	066-11200	40-87A (4)
T34C		40-111A	164-06506	N/A	30-74B	066-06700	40-110

(1) Heavy duty option.

(2) 6.00-6 Equipment. Optional.

(3) Inactive.

(4) 40-87D, equipped with rubber lip seals, is interchangeable.

(5) Formerly Beech.



## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**RFB Rhein-Flugzeugbau GmbH (1)**

RFB 400/600 Fantrainer (2)		40-96E	164-02504	164-12504	30-61E	066-10500	N/A
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(1) Subsidiary of MBB.

(2) Military Trainer.

**Saab-Scania**

MF1-15, MF1-17 Supporter AC, Mushshak		40-97D	164-02601	164-12601	30-63D (1)	066-10500	40-77A
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(1) Inactive - Superseded by 30-63E.

**Sadler Aircraft Corp.**

A-22 Lasa 18-100 OPV		40-78B	164-01700	164-11700	30-9	066-10600	40-77
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**Schaefer Aircraft Modifications, Inc. (1)**

PA-31T Comanchero 750		40-106	164-03906	N/A	30-106	066-06800	N/A
PA-31-350 Comanchero 500		40-195	164-21900	N/A	30-158	066-06800	

(1) FAA STC approved modifications of Piper Navajo, Cheiftain, and Cheyenne II, currently manufactured by Embraer.

**Schleicher**

ASW20, 21, 22, 23 Sailplane		40-78B	164-01700	164-11700	30-9	066-10600	40-77C
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**Schweizer (1)**

SGS2-53, 2-33A		3050 (2)	169-00201	N/A	C7000 (2)	066-00504 (3)	40-112
Sailplane		3050A (2)	169-00201	N/A	C7000A (2)	066-00504 (3)	
I-36 Glider		40-78	164-01700	164-11700	30-9	066-10600	40-112

(1) For G-164 series Agricultural Aircraft, see Ag-Cat Corp.

(2) Aircraft equipped with Drum-type brakes.

(3) Brake Shoe, includes rivets.

**Siai Marchetti / Agusta / Aermacchi**

SF.205		40-97E	164-02601	164-12601	30-63M	066-10500	N/A
SF.260, SF.260C		3080A	159-00200	N/A	3000-500	066-10500	40-77A
SF.260M SF.260W SF.260TP		3040 (1)	169-00101	N/A	C2000	066-00504 (2)	40-77A
SF.260SW		40-90A	164-02300	164-12300	30-65A	066-10500	40-77A
S.211		40-205 (3)	(4)	N/A	30-165 (3)	(4)	40-152
SF.600TP		40-75G	164-01501	164-11501	30-52P	066-10500	40-113B

(1) Aircraft equipped with Drum-type brakes.

(2) Brake Shoe, includes rivets.

(3) Not TSO approved - order from airframe manufacturer only.

(4) Internal Wheel &amp; Brake, see Brake Section for lining/heat stack components.

**Cleveland**  
Wheels & Brakes

**Applicability Data****Original Equipment**

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Slingsby Aviation Ltd.**

T67C, T67M, 200 Firefly		40-86B 40-86F (1)	164-02000	164-12000	30-55	066-10500	40-77B
T-3A TR67GRP		40-407	164-24400	N/A	30-236	066-10500	40-77B

(1) Alternate wheel approved for use with 30-55 Brake – must be used with Slingsby Stock Code Numbers 126-35-623 Spacer and 126-35-622 Collar.

**S M E Aerospace**

MD3-160		40-113	164-04000	164-14000	30-75	066-10500	40-77
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**Socata - see Aerospatiale****Sportavia (1)**

RF6C/RS180 Sportsman		40-86A	164-02000	164-12000	30-55B	066-10500	40-76A (2) 40-77A (3)
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(1) Owned by RFB, Subsidiary of FVW-Fokker GmbH.

(2) Aircraft equipped with 6.00-6 nose wheel.

(3) Aircraft equipped with 5.00-5 nose wheel.

**Stol Aircraft Corp.**

UC-1 Twin Bee (1)		40-74	164-00700	164-10700	30-51A	066-10600	40-50
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(1) Complete TC modification of Republic Seabee.

**Swearingen Aircraft**

SX300		40-151	164-08500	N/A	30-133	066-10500	40-87
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**Taylorcraft Aviation Corp.**

F-19 Sportsman 100		3050 (1) 40-86	169-00201 164-02000	N/A 164-12000	C7000A (1) 30-55	066-00504 (2) 066-10500	N/A
F-21, F-21A Trainer/Sport		40-86	164-02000	164-12000	30-55	066-10500	
F-22		40-86	164-02000	164-12000	30-55	066-10500	

(1) Aircraft equipped with Drum-type brakes, mechanically operated.

(2) Brake Shoe, includes rivets.

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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## Univair

A2, A2A Alon (1)		40-97A	164-02601	164-12601	30-63A	066-10500	N/A
415-C, CD, D, E, G (1) Ercoupe F1, F1A Forney		40-41	164-00300	N/A	30-30	066-10500	
M10 Mooney Cadet (1)		40-97A	164-02601	164-12601	30-63A	066-10500	
J-3, PA-11, PA-12, (10) PA-14, PA-16, PA-18, PA-20 Piper Cub		40-60	164-06700	164-16700	30-60 (2)	066-10600	
PA-18, PA-20, PA-22/20 Piper Cub (10) (3)		40-84	164-01900	164-11900	30-41 (4)	066-10600	
108, 108-1, -2, -3, -5 (1) Stinson		3040 (5) (7) 40-28 (8) 40-97E (9)	169-00101 164-00500 164-02601	N/A 164-10500 164-12601	C2000 (5) 30-18 30-63Q (9)	066-00504 (6) 066-10600 066-10500	

(1) TC currently owned by Univair.

(2) Inactive - superseded by 30-60A.

(3) Aircraft equipped with 1 1/2 inch axles.

(4) Inactive - superseded by 30-41B.

(5) Aircraft equipped with Drum-type Brakes.

(6) Brake shoe, includes rivets.

(7) Aircraft equipped with 6.00-6 tires.

(8) Aircraft equipped with 7.00-6 tires.

(9) May be used to retrofit earlier models.

(10) STC Approved modification of original aircraft.

## Valmet

L-70 Militrainer		40-75S (1)	164-04800	164-14800	30-52K	066-10500	40-77C
L-90 TP Redigo		40-142	164-07800	N/A	30-127	066-06200	40-110B

(1) Inactive - superseded by 40-75T.

## Varga

2150A/218 Kachina		40-97E	164-02601	164-12601	30-63E	066-10500	40-77B
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## Waco

Meteor, Minerva, Vela		40-97A	164-02601	164-12601	30-63A	066-10500	40-77
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**Applicability Data****Original Equipment**

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Weatherly Aviation Co.**

201A, 201B 201C, 620		40-101	N/A	164-03006	30-67D (2)	066-10800	40-112
620A, 620TP, 620B	1520 thru 1584	40-101	N/A	164-03006	30-89B (1)	066-08000	40-112
620B	1585 and on	40-101E	N/A	164-03006			

(1) Order from airframe manufacturer only.

(2) 30-89B is heavy duty option for model 620.

**Wing Aircraft**

D-1 Derringer		40-84	164-01900	164-11900	30-41B (1)	066-10600	40-77A
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(1) Use with airframe supplied torque plate.

**WTA Inc.**

PA-18-150, PA-18A-150 Super Cub (1)		40-60	164-06700	164-16700	30-60 (2)	066-10600	N/A
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(1) Acquired rights from Piper Aircraft.

(2) Inactive - superseded by 30-60A.

## Applicability Data

Model/ Name	Year/ Serial Number	Main Wheel Assembly	Standard Disc	Chrome Disc	Brake Assembly	Lining	Auxiliary Wheel
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**Aerocet, Inc.**

3500 Series	N/A	40-418A (1)	164-24500	N/A	091-21600 (2)	066-10500	N/A
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(1) Contains chrome-plated bearings.

(2) Brake cylinder assembly (part of 30-241 brake assembly).  
Use with manufacturer supplied torque plate.**Baumann Floats, Inc.**

BF2150 BF2550	199-103	40-78J	164-01700	164-11700	30-9C	066-10600	N/A
BF2750	N/A	40-418A (1)	164-24500	N/A	30-241	066-10500	N/A

(1) Contains chrome-plated bearings.

**Wipaire, Inc.**

2100/2350 Series 3730/4000 Series	N/A	40-78A	164-01700	164-11700	30-9C	066-10600	D-30380
3000/3450 Series	N/A	40-418 (1)	164-24500	N/A	30-241	066-10500	D-30380
6000/8000 Series	N/A	40-418B					D-30500-1
13000 Series	N/A	40-101D	164-03006	N/A	30-67C	066-10800	40-426 (1) 40-426A

(1) Contains chrome-plated bearings.

[illegible]

## - STOP -

BE AWARE THAT THIS LIST GIVES INSTALLATION ELIGIBILITY FOR THE LISTED OEM PART NUMBERS, AND IS NOT NECESSARILY AN INDICATION OF HOW A PARTICULAR AIRCRAFT IS ACTUALLY EQUIPPED. IN ORDER TO USE THE FAA-PMA CLEVELAND PART NUMBER AS LISTED, THE INSTALLER MUST VERIFY THAT THE PART TO BE REPLACED IS INSTALLED ON THE AIRCRAFT MAKE, MODEL AND SERIAL NUMBER (IF APPLICABLE) AS LISTED, AND THAT IT IS THE SAME OEM PART NUMBER AS INDICATED.

The **FAA-PMA Product Directory** is a listing of FAA-PMA aircraft/model eligibility of all Cleveland PMA hydraulic products. The list is based on Cleveland Product Reference Memo PRM71.

**When ordering replacement parts for the listed assemblies**, refer to the numerical assembly listing for the parts breakdown. **It is the responsibility of the installer to assure that only approved parts are used.** Prior to installing replacement parts, verify that the model numbers as listed herein match the model numbers as indicated on the nameplates of the assemblies to be repaired. If any questions arise, contact the **Technical Services Hotline**.

For technical assistance, contact the

**TECHNICAL SERVICES HOTLINE:**

techhelp@parker.com

Fax: 440-937-5409

1-800-BRAKING (272-5464)

**Cleveland**  
Wheels & Brakes



**Applicability Data****Replacement Equipment**

Model/ Name	Year/ Serial Number	Master Cylinder		Parking Valve		Actuator		Shimmy Damper	
		Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N

**American Champion Aircraft Corp.**

8KCAB 8GCBC	All	10-54 (010-05400)	(A-110-10)	60-5 (060-00500)	(A850-1)	N/A	N/A	N/A	N/A
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**Diamond Aircraft Industries**

DA40	All	N/A	N/A	60-5D (060-00504)	60-5D	N/A	N/A	N/A	N/A
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**General Avia (2)**

F22	All	10-55B (1) (010-05502)	10-55B	N/A	N/A	N/A	N/A	N/A	N/A
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(1) Supersedes 10-55A (010-05501)

(2) Formerly General Avia Costruzioni Aeronautiche

**Grob Aircraft**

G115A, G115B G115C, G115C2 G115D, G115D2	All	N/A	N/A	60-5 (060-00500)	60-5	N/A	N/A	N/A	N/A
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**Maule Air Inc.**

M-5-235C, M-6-235, M-7-235	All	10-54 (010-05400)	A-110-10 (10-54)	N/A	N/A	N/A	N/A	N/A	N/A
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**Mooney Aircraft Corp.**

M20J, M20M	All	10-24D (010-02404)	10-24D	60-14 (060-01400)	(A-850-16) (880040-501) (880029-501)	N/A	N/A	N/A	N/A
M20L	All	N/A	N/A	60-14 (060-01400)	(A-850-16) (880040-501) (880029-501)	N/A	N/A	N/A	N/A

**Note: Manufacturer Code Numbers shown in Parenthesis ( ).**

**Cleveland**  
Wheels & Brakes





## Applicability Data

Model/ Name	Year/ Serial Number	Master Cylinder		Parking Valve		Actuator		Shimmy Damper	
		Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N

## Raytheon Aircraft Company (Beech)

19A, B19, A23-19, A23-24, A23A, B23, C23, A24, A24R, B24R, C24R, 76, 77	All	10-55 (010-05500)	169-380100-3	N/A	N/A	N/A	N/A	N/A	N/A
F33A, F33C, G33, V35B, 36, A36, A36TC, B36TC, 77	All	N/A	N/A	60-10 (060-01000)	(A-850-8) (60-10) (060-01000)	N/A	N/A	N/A	N/A

## Slingsby Aviation

T67 GRP Series	All	10-30C (010-03003)	10-30C	N/A	N/A	N/A	N/A	N/A	N/A
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## The New Piper Aircraft, Inc. (Piper)

PA-24-180, PA-24-250, PA-24-400	All	10-5 (010-00500)	10-5 (455 929)	N/A	N/A	N/A	N/A	N/A	N/A
PA-24-260	All	10-5 (010-00500)	10-5 (455 929)	N/A	N/A	N/A	N/A	N/A	N/A
		10-19 (010-01900)	10-19 (455 931)						
PA-25-235	All	A-049-8	A-049-8 (455 952)	N/A	N/A	N/A	N/A	N/A	N/A
PA-25-260	25-5349 & on	A-049-8	A-049-8 (455 952)	N/A	N/A	N/A	N/A	N/A	N/A
PA-28-140	28-21037 & on	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
	28-20002 thru 28-7325684	10-30 (010-03000)	10-30 (455 968)						
PA-28-150, PA-28-160	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-28-151, PA-28-161	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	15-8	15-8 (456 015)
		10-30 (010-03000)	10-30 (455 968)						
PA-28-180	28-2701 & on	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
	28-1 thru 28-7305611	10-30 (010-03000)	10-30 (455 968)						
PA-28R-180	28R-30005 thru 28R-7130019	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						

Note: Manufacturer Code Numbers shown in Parenthesis ( ).

Cleveland  
Wheels & Brakes

## Applicability Data

## Replacement Equipment

Model/ Name	Year/ Serial Number	Master Cylinder		Parking Valve		Actuator		Shimmy Damper	
		Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N
The New Piper Aircraft, Inc. (Piper) - continued									
PA-28-181	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	15-8	15-8 (456 015)
		10-30 (010-03000)	10-30 (455 968)						
PA-28R-200	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
	28R-30482	10-30 (010-03000)	10-30 (455 968)	N/A	N/A	N/A	N/A	N/A	N/A
	28R-35001 thru 28R-7335455			N/A	N/A	N/A	N/A	N/A	N/A
PA-28-201T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-28R-201,	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	SFA232-5 (011-00504)	96860-02 (455 994)	15-9	15-9 (456 016)
		10-30 (010-03000)	10-30 (455 968)			11-16	35797-03 (455 997)		
PA-28R-201T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	SFA232-5 (011-00504)	96860-02 (455 994)	15-9	15-9 (456 016)
		10-30 (010-03000)	10-30 (455 968)			11-17	35797-05 (455 987)		
PA-28RT-201	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	SFA232-5 (011-00504)	96860-02 (455 994)	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)			11-16	35797-03 (455 997)		
PA-28RT-201T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	SFA232-5 (011-00504)	96860-02 (455 994)	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-28-235	28-10698 & on	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
	28-10003 thru 28-7310187	10-30 (010-03000)	10-30 (455 968)	N/A	N/A	N/A	N/A	N/A	N/A
PA-28-236	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	15-10	15-10 (456 017)
		10-30 (010-03000)	10-30 (455 968)						
PA-30	All	10-5 (010-00500)	10-5 (455 929)	N/A	N/A	N/A	N/A	N/A	N/A
		10-19 (010-01900)	10-19 (455 931)						

Note: Manufacturer Code Numbers shown in Parenthesis ( ).

**Cleveland**  
Wheels & Brakes



## Applicability Data

Model/ Name	Year/ Serial Number	Master Cylinder		Parking Valve		Actuator		Shimmy Damper	
		Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N
The New Piper Aircraft, Inc. (Piper) - continued									
PA-31P	All	10-17 (010-01700)	10-17 (455 943)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
PA-31T	All	N/A	N/A	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
	31T-7400002 thru 31T-7920004	10-17 (010-01700)	10-17 (455 943)			N/A	N/A	N/A	N/A
	31T-792005 & on	10-23A (010-02301)	10-23A (455 971)			N/A	N/A	N/A	N/A
PA-31T1	All	N/A	N/A	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
	31T-7804001 thru 31T-780411	10-17 (010-01700)	10-17 (455 943)			N/A	N/A	N/A	N/A
	31T-7904001 thru 31T-8304003	10-23A (010-02301)	10-23A (455 971)			N/A	N/A	N/A	N/A
	31T-1104004 & on					N/A	N/A	N/A	N/A
PA-31T2	All	10-23A (010-02301)	10-23A (455 971)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
PA-31-300	All	10-17 (010-01700)	10-17 (455 943)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
PA-31-310	All	10-17 (010-01700)	10-17 (455 943)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	015-00100	015-00100 (456 014)
		10-23A (010-02301)	10-23A (455 971)	N/A	N/A				
PA-31-325	31-407 & on	N/A	N/A	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
	31-5 thru 31-7812099	10-17 (010-01700)	10-17 (455 943)	N/A	N/A	N/A	N/A	N/A	N/A
	31-7812100 & on	10-23A (010-02301)	10-23A (455 971)	N/A	N/A	N/A	N/A	N/A	N/A
	31-8112046 & on	N/A	N/A	N/A	N/A	N/A	N/A	015-00100	015-00100 (456 014)
PA-31-350	All	N/A	N/A	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
	31-5001 thru 31-7852127	10-17 (010-01700)	10-17 (455 943)			N/A	N/A	N/A	N/A
	31-7852128 & on	10-23A (010-02301)	10-23A (455 971)			N/A	N/A	N/A	N/A
	31-8152125 & on	N/A	N/A			N/A	N/A	015-00100	015-00100 (456 014)
PA-31P-350	All	10-23A (010-02301)	10-23A (455 971)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	N/A	N/A
PA-32-260	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)	N/A	N/A	N/A	N/A	N/A	N/A

Note: Manufacturer Code Numbers shown in Parenthesis ( ).

**Cleveland**  
Wheels & Brakes



## Applicability Data

## Replacement Equipment

Model/ Name	Year/ Serial Number	Master Cylinder		Parking Valve		Actuator		Shimmy Damper	
		Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N	Cleveland P/N	Replaces OEM P/N
The New Piper Aircraft, Inc. (Piper) - continued									
PA-32-300 PA-32R-300 PA-32RT-300 PA-32RT-300T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-32-301 PA-32-301T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-32R-301(SP) PA-32R-301(HP) PA-32R-301T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	SFA232-5 (011-00504)	96860-02 (455 994)	15-9	15-9 (456 016)
		10-30 (010-03000)	10-30 (455 968)			11-17	35797-03 (455 997)		
PA-34-200 PA-34-200T	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
		10-30 (010-03000)	10-30 (455 968)						
PA-34-220T (III and IV)	All	10-30 (010-03000)	10-30 (455 968)	60-3C (060-00303)	60-3C (491 978)	N/A	N/A	N/A	N/A
PA-38-112	All	10-22 (010-02200)	10-22 (455 938)	N/A	N/A	N/A	N/A	N/A	N/A
PA-39	All	10-5 (010-00500)	10-5 (455 929)	N/A	N/A	N/A	N/A	N/A	N/A
		10-19 (010-01900)	10-19 (455 931)						
PA-42 PA-42-720 PA-42-1000	All	10-75	10-75 (465 705)	60-3A (060-00301)	060-00301 (492 152)	N/A	N/A	015-00100	015-00100 (456 014)
PA-44-180, PA-44-180T	All	10-30 (010-03000)	10-30 (455 968)	60-3A (060-00301)	060-00301 (492 152)	SFA232-5 (011-00504)	96860-02 (455 994)	N/A	N/A
						11-17	35797-03 (455 997)		
PA-46-310P	All	10-73	82805-03 (558 003)	60-3C (060-00303)	60-3C (491 978)	N/A	N/A	N/A	N/A
	4608008 & on	N/A	N/A	N/A	N/A	11-22	83769-03 (552 609)		
PA-46-350P	All	10-73	82805-03 (558 003)	60-3C (060-00303)	60-3C (491 978)	N/A	N/A	N/A	N/A
	4622001 & on	N/A	N/A	N/A	N/A	11-22	83769-03 (552 609)		

Note: Manufacturer Code Numbers shown in Parenthesis ( ).

**Cleveland**  
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