

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
 1800 JOE CROSSON DR  
 EL CAJON, CA 92020

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 8  
 DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Alexandria Aircraft LLC	17-30A 17-31A 17-31ATC
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	APEX Aircraft	R 3000/160
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Beechcraft Corporation	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R, 35-C33, 35-C33A, G33, F33, F33A, F33C, 36, A36, A36TC, 76  35, A35, B35, C35, D35, E35, G35, 35R, 35-33, 35-A33, 35-C33, 35-C33A, E33A, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, A36 (When STC SA11GL is installed)

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
1800 JOE CROSSON DR  
EL CAJON, CA 92020

PMA NO. PQ2458NM  
SUPPLEMENT NO. 8  
DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Cessna Aircraft Company	F150F, F150G, F150H, F150J, F150K, FA150K, FA150L, FRA150L, F152, FA152, F172F, F172G, F172H, F172K, F177RG, FR182,
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Cirrus Design Corporation	SR20, SR22, SR22T
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Commander Aircraft Corporation	112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Diamond Aircraft Industries GmbH	DA 42, DA 42 NG, DA 42 M-NG
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Gomolzig Flugzeug- und Maschinenbau GmbH	AS 202/18A4 "BRAVO"
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Found Brothers Aviation Limited	FBA Centennial "100"

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
 1800 JOE CROSSON DR  
 EL CAJON, CA 92020

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 8  
 DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	GENERAL AVIA Costruzioni Aernautiche	F.20 "Pegaso"
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Great Lakes Aircraft Company	2T-1A, 2T-1A-1, 2T-1A-2
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Helio Aircraft, LLC.	H-250, H-295, H-391, H-395
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Maule Aerospace Technology, Inc.	M-4-180C, M-4-180S, M-4-180T, M-4-180V, M-4-210C, M-4-210S, M-4-210T, M-4-210, M-4-220C, M-4-220S, M-4-220T, M-4-220, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235A, M-7-235B, M-7-235C, M-7-235, M-7-260C, M-7-260, M-7-420AC, M-7-420A
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Mooney International Corporation	M20C, M20E, M20F, M20G, M20J, M20K, M20M

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
1800 JOE CROSSON DR  
EL CAJON, CA 92020

PMA NO. PQ2458NM  
SUPPLEMENT NO. 8  
DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-151, PA-28-161, PA-28-180, PA-28-181, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28-201T, PA-28R-201, PA-28RT-201, PA-28RT-201T, PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32-301, PA-32-301T, PA-34-200, PA-34-200T, PA-34-220T, PA-44-180
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Regal Air, Inc.	305A, 305C, 305D, 305F
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Revo, Incorporated	LAKE LA-4, LAKE LA-4-200, LAKE MODEL 250
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	SME Aero, Inc.	MD3-160
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	SOCATA	TB 9, TB 10, TB 200

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
 1800 JOE CROSSON DR  
 EL CAJON, CA 92020

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 8  
 DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	STOL Aviation LLC	S-1B2
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Swift Museum Foundation, Inc.	GC-1A, GC-1B (When STC SA2GL is installed)
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Taylorcraft 2000, LLC.	F19, F21, F21A, F22
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Textron Aviation Inc.	150F, 150G, 150H, 150J, 150K, 150L, A150L, 152, A152, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 177A, 177B, 177RG, 180G, 180H, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182S, R182, TR182, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B, A188, A188A, A188B, T188C, 206, 206H, P206, P206A

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
 1800 JOE CROSSON DR  
 EL CAJON, CA 92020

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 8  
 DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Textron Aviation Inc.	P206B, P206C, P206D, P206E, U206, U206A, U206B, 206C, U206D, U206E, U206F, U206G, T206H, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 207, 207A, T207, T207A, 210-5A (205A) 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, P210N, 210R, P210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R, 336, 337, 337A, 337B, 337C, 337D, T337B, T337C, T337D,  120, 140, 140A, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 175, 175A, 175B, 175C, P172D, 180, 180A, 180B, 180C, 180D, 180E, 180F, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G (When STC SA13GL is installed)

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
 1800 JOE CROSSON DR  
 EL CAJON, CA 92020

PMA NO. PQ2458NM  
 SUPPLEMENT NO. 8  
 DATE: APRIL 5, 2016

ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Textron Aviation Inc.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 206, P206, U206, U206F, U206G, TU206E, TU206F, TU206G (When STC SA63GL is installed)  180, 180A, 180B, 180C, 180D, 180E, 180F, 180H, 180J, 185, 185A, 185B, A185E, A185F, 206E, 206F, TU206E, TU206F, 210, 210A, 210B, 210C, 210K, 210L, 210M, T210C, T210K, T210L, T210M (When STC SA52GL or SA62GL is installed)  P210N (When STC SA54GL is installed)
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	True Flight Holdings LLC.	AA-1A, AA-1B, AA-1C, AA-1, AA-5A, AA-5B, AA-5

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

GROVE AIRCRAFT LANDING GEAR SYSTEMS INC.  
1800 JOE CROSSON DR  
EL CAJON, CA 92020

PMA NO. PQ2458NM  
SUPPLEMENT NO. 8  
DATE: APRIL 5, 2016

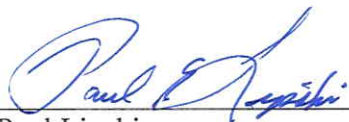
ARTICLE NAME	ARTICLE NUMBER	APPROVED REPLACEMENT FOR ARTICLE NUMBER	APPROVAL BASIS AND APPROVED DESIGN DATA	MAKE/TCH ELIGIBILITY	MODEL/SERIES ELIGIBILITY
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Univair Aircraft Corporation	M10, A-2, A2-A, 415-C, 415-CD, E, G, F-1, F-1A (From TCDS holder and when STC SA120GL or SA127GL is installed.)
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	Vulcanair S.p.A.	P.68 "Observer", P.68B, P.68C, P.68C-TC
Brake Lining	066-105	Cleveland Wheels & Brakes P/N 066-10500	Test and Computations per 14 CFR § 21.303 Dwg. No. 066-105 Rev. IR Date: 10/22/12 or later FAA approved revisions	William E. Lamon	DHC-1B-2-S3, DHC-1B-2S5 (When STC SA748S0 or SA1011S0 is installed)

-----END OF DATA-----

**GENERAL NOTES:**

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.



Paul Lipski  
Manager, Cabin Safety, Mechanical and  
Environmental Systems Branch  
Los Angeles Aircraft Certification Office



Dale McMann  
Manager, Los Angeles Manufacturing  
Inspection District Office