

Parts Manufacturer Approval Listing - Supplement No. 85
 Federal Aviation Administration - Parts Manufacturer Approval
 Superior Air Parts, Inc.
 15050 Beltwood Parkway East
 Addison, Texas 75001

SUPERICR
 AIR PARTS
 INC.-FAA

APPROVED DESIGN DATA
 APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
 APPROVAL MEANS

INSTALLATION
 ELIGIBILITY
 LYCOMING ENGINE

SL-STD 1930
 ✓ 1930
 HOSE
 Rev. None
 dtd.8-30-88

STD-1930
 FAA APPROVED DRAWING
 STAMPED AND DATED
 4-21-89 AND ANY FAA
 APPROVED REVISIONS.

O-235- P2A, M1
 O-320- A3B, E1A, B3B, D1A,
 D1D, E2C
 IO-320- B1A, B1C, C1A, D1A,
 E2A, E1A, E1B
 LIO-320- B1A, C1A
 O-360- A1A, A1AD, A1D, A1F6,
 A1F6D, A1G6, A1G6D, C1A, C1C,
 C1E, C1F
 LO-360- A1G6D
 IO-360- C1A, C1B, C1C, C1D6,
 C1F, J1A6D
 AEIO-360- B1G6, H1A
 TIO-360- A1B, C1A6D
 TIO-540- F2BD, J2BD, N2BD,
 R2AD, V2AD, AA1AD
 LTIO-540- F2BD, J2BD, N2BD,
 R2AD, V2AD

SL1028-B 1028-B
 ✓ BALL
 Rev. None
 dtd.8-17-88

FAA APPROVED DRAWING
 STAMPED AND DATED
 4-21-89 AND ANY FAA
 APPROVED REVISIONS.

O-235- C1, C1B, C1C, C2A, C2C,
 F2A, F2B, H2C, J2A, K2A, K2B,
 K2C, L2A, L2C, M1, N2A, N2C,
 P2A
 O-320- A2B, A2C, A2D, A3B,
 E1A, E1F, E2A, E2B, E2C, E2D,
 E2F, E2G, E2H, E3D, E3H, B2B,
 B2C, B3B, D1A, D1D, D1F, D2A,
 D2B, D2C, D2G, D2J, D3G, A1A,

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC. - FAA

APPROVED
DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL1028-B 1028-B
BALL
(CONTINUED)

A2B, A3A, A3C, B2A, B3A, B3C,
D2A, H2AD

IO-320- B1A, B1C, C1A, D1A,
D1B, E1A, E1B, E2A, E2B

AIO-320- B1B, C1B

LIO-320- B1A, C1A

O-290- D, D2, D2B, D2G

O-340- A, B

O-360- A1A, A1AD, A1D, A1F6,
A1F6D, A1G6, A1G6D, A1LD, A2A,
A2D, A2F, A2G, A3G, A3A, A3AD,
A4A, A4G, A4J, A4K, A4M, A5AD,
A4A, A4G, A4J, A4K, A4M, A5AD,
B2A, C1A, C1C, C1E, C1F, C2A,
C2C, C2E, D2A, F1A6, A2C, A2E,
B2A, C2D, D2B, E1A6D, A4N, C1G

LO-360- A1G6D, E1A6D

TO-360- C1A6D, E1A6D

LTC-360- E1A6D

VO-360- A1A, A1B, B1A

IO-360- A2A, B1A, B1B

TIO-360- C1A6D

HO-360- B1A, B1B

HIO-360- A1A, B1A

IVO-360- A1A

VO-435- A1A, A1B, A1D, A1E,
A1F

GO-435- C2A, C2A2

TVO-435- A1A, B1A

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC.-FAA
APPROVED
DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL1028-B 1028-B
BALL
(CONTINUED)

GO-480- J, A, G1B6, G1E6

O-540- A1A5, A1A, A1B5, A1C5,
A1D, A1D5, A2D, A3D5, B1A5,
B1B5, B2B5, B2C5, B4B5, E4A5,
E4B5, E4C5, F1A5, F1B5, G1A5,
G2A5, J1A5D, J3A5D, J3C5D,
L3C5D, H1B5D, H2B5D

IO-540- A1A5, B1A5, B1C5,
C1B5, C4B5, C4C5, D4A5, E1A5,
E1B5, G1A5, G1B5, G1C5, G1D5,
G1E5, G1F5, J4A5, K1A5, K1B5,
K1CT, K1C5, K1E5, M1A5, N1A5,
P1A5, R1A5, V4A5D, K1K5,
C4D5D, T4A5D, T4B5D, T4C5D,
L1C5, W3A5D

TIO-540- A1A, A1B, A2A, A2B,
A2C, C1A, E1A, G1A, H1A, J2B,
F2BD, J2BD, N2BD, R2AD, S1AD,
U2A, V2AD, AB1AD, AA1AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A, V2AD

VO-540- A1A, A2A, B1A, B2A,
B1B3, B1C, B2C, B1D, B2D, C1A,
C2A

TIVO-540- A2A

IGO-540- A1A, A1C, B1A, B1C

IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C

TIO-541- A1A, E1A4, E1B4,
E1C4

TIGO-541- E1A

IO-720- A1A, A1B, B1B, C1B,
D1B, B1BD, D1C

AEIO-540- D4B5, L1B5D

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC.-FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

✓ SL61084 61084
SPRING
Rev. None
dtd. 8-30-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-235- C1, C1B, C1C, C2A, C2C,
F2A, F2B, H2C, J2A, K2A, K2B,
A2C, L2A, L2C, M1, N2A, N2C,
P2A

O-290- D, D2, D2B, D2C

O-320- A2B, A2C, A2D, A3B,
E1A, E1F, E2A, E2B, E2C, E2D,
E2F, E2G, E2H, E3D, E3H, B2B,
B2C, B3B, D1A, D1D, D1F, D2A,
D2B, D2C, D2G, D2J, D3G

IO-320- B1A, B1C, C1A, D1A,
D1B, E1A, E1B, E2A, E2B

AIO-320- B1B, C1B

LIO-320- C1A, B1A

O-360- A1A, A1AD, A1D, A1F6,
A1F6D, A1G6, A1G6D, A1LD, A2A,
A2D, A2F, A2G, A3A, A3AD, A4A,

A4G, A4J, A4K, A4M, A5AD, B2A,
C1A, C1C, C1E, C1F, C2A, C2C,
C2E, D2A, F1A6, A1C, A2E,
E1A6D, A4N, C1G

LO-360- A1G6D, E1A6D

TO-360- C1A6D, E1A6D

IO-360- A1A, B1A, B1B

LTO-360- E1A6D

HO-360- B1A, B1B

TIO-360- C1A6D

HIO-360- A1A, B1A

VO-360- B1A

IVO-360- A1A

Superior Air Parts, Inc.

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INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL61084 61084
SPRING
(CONTINUED)

O-540- A1A, A1A5, A1B5, A1C5,
A1D, A1D5, A2B, A3D5, B1A5,
B1B5, B2C5, B4B5, E4A5, E4C5,
F1A5, G1A5, G2A5, J1A5D,
J3A5D, J3C5D, L3C5D

TIO-540- A1A, A1B, A2A, A2B,
C1A, E1A, G1A, H1A, J2B, F2BD,
J2BD, N2BD, R2A, S1AD, AA1AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD

IO-720- B1B, B1BD, D1C

IO-540- K1K5, V4A5D, C4D5D,
T4A5D, T4B5D, T4C5D, L1C5,
W3A5D

AEIO-540- L1B5D, D4B5

SL61544 61544
✓ PLUNGER
Rev. None
dtd. 8-22-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-12-89 AND ANY FAA
APPROVED REVISIONS.

O-235- C1, C1B, C1C, C2A, C2C,
F2A, F2B, H2C, J2A, K2A, K2B,
L2A, L2C, M1, N2A, N2C, P2A

O-290- D, D2, D2B, D2C

O-320- A2B, A2C, A2D, A3B,
E1A, E1F, E2A, E2B, E2C, E2D,

E2F, E2G, E2H, E3D, E3H, B2B,
B2C, B3B, D1A, D1D, D1F, D2A,
D2B, D2C, D2G, D3G, A2A, A3A,
A3C, B2A, B3A, B3C

IO-320- B1A, B1C, D1A, E2A,
C1A, D1B, E1A, E1B, E2B

AIO-320- B1B, C1B

LIO-320- B1A

O-340- A

O-360- A1A, A1AD, A1D, A1F6,

Superior Air Parts, Inc.

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DESIGN
DATA

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DESIGN DATA &
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INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL61544 61544
PLUNGER
(CONTINUED)

A1F6D, A1G6, A1G6D, A1LD, A2A,
A2D, A2F, A2G, A3A, A3AD, A4A,
A4G, A4J, A4K, A4M, A5AD, B2A,
C1A, C1C, C1F, C2A, C2C, D2A,
F1A6, A4N, C1G

LO-360- A1G6D

TO-360- C1A6D

IO-360- A1A, A1B, A1B6, A1B6D,
A1C, A1D, A1D6, A2A, A2B,
A3B6D, B1B, B1E, B1F, B2F,

B2F6, B4A, C1A, C1B, C1C,
C1C6, C1D6, C1E6, J1A6D

HIO-360- A1A, B1A, C1A, C1B,
D1A

AIO-360- A1A, A1B, B1B

LIO-360- C1E6

AEIO-360- A1A, B1G6, H1A

O-540- B2B5, B2C5, B4B5, E4A5,
E4B5, E4C5, G1A5, H1B5D,
H2B5D, J1A5D, J3A5D, J3C5D,
L3C5D, A1A, A1A5, A1B5, A1C5,
A1D, A1D5, A2B, A3D5, B1A5,
B1B5, B4B5, E4A5, E4B5, E4C5,
F1A5, F1B5

IO-540- B1C5, C1B5, C4B5,
C4C5, N1A5, W3A5D, T4A5D,
T4B5D, T4C5D, V4A5D, C4D5D,
L1C5

AEIO-540- D4B5

✓ SL62388 62388
ROTO CAP
Rev. None
dtd. 6-3-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-320- A2A, A2B, A2C, A3A,
A3B, A3C, B2A, B2B, B3A, B3B,
B3C, D1A, D2A, D2B, D2C, E1A,
E2A, E2B, E2C, E2D

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
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DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL62388 62388
ROTO CAP
(CONTINUED)

IO-320- B1A, B1C, C1A, D1A,
E2A

TO-360- C1A6D

TIO-360- C1A6D

IO-360- A1A

HIO-360- A1A

VO-360- A1A, A1B, B1A

IVO-360- A1A

TIO-540- A1A, A1B, A2A, A2B,
A2C, J2B, F2BD, J2BD, N2BD,
R2AD, S1AD, U2A, V2AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A, V2AD

IGO-540- A1A, A1C, B1A, B1C

IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C

IO-720- A1B, A1A, B1B, C1B,
D1B, B1BD, D1C

IO-540- K1K5, L1C5

AEIO-540- L1B5D

✓ SL-69532 69532
SEAT
Rev. None
dtd. 8-22-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-320- A2A, A2B, A2C, A3A,
A3B, A3C, B2A, B2B, B3A, B3B,
B3C, D1A, D2A, D2B, D2C, E1A,
E2A, E2B, E2C

IO-320- B1A, B1C, C1A, D1A,
E2A

TO-360- C1A6D

IO-360- C1A, C1B, C1C, C1C6,
C1D6, C1E6, C1F, J1A6D

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC.-FAA

APPROVED APPROVED
DESIGN LYCOMING
DATA REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL-69532 69532
SEAT
(CONTINUED)

TIO-360- C1A6D
LIO-360- C1E6
HIO-360- A1A, C1A, C1B, D1A,
E1AD, E1BD, F1AD
AEIO-360- A1E
IVO-360- A1A
VO-360- A1A, A1B, B1A
TIO-540- A1B, A1A, A2A, A2B,
A2C, J2B, F2BD, J2BD, N2BD,
R2AD, S1AD, U2A, V2AD
LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A, V2AD
IGO-540- A1A, A1C, B1A, B1C
IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C
IO-720- A1A, A1B, B1B, C1B,
D1B, B1BD, D1C
IO-540- K1A5, L1C5
AEIO-540- L1B5D

✓ SL71549 71549
WASHER
Rev. None
dtd. 8-30-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

TO-360- C1A6L
IO-360- A1A, A1B, A1B6, A1B6D,
A1C, A1D, A1D6, A2A, A3B6D,
C1A, C1B, C1C, C1C6, C1D6
AIO-360- A1A, A1B, B1B
AEIO-360- A1E
HIO-360- A1A, C1A, C1B, D1A,
E1AD, E1BD, F1AD

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC.-FAA
APPROVED
DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL71549 71549
WASHER
(CONTINUED)

L1O-360- C1E6
T1O-360- A1B, C1A6D
GO-435- C2A, C2A2, C2B, C2B2,
C2B2-6, C2B1
VO-435- A1B, A1C, A1D, A1E,
A1F
TVO-435- A1A, B1A, D1A, G1A,
D1B, F1A
GO-480- C1D6, G1A6, G1D6,
G1H6, G1J6, G2D6, G2F6, G1B6,
G1E6, B, B1A6, B1B, B1C, B1D,
D1A, F6, F1A6, F2A6, F4A6
IO-540- A1A5, B1A5, B1C5,
E1A5, E1B5, G1A5, G1B5, G1C5,
G1D5, G1E5, G1F5, K1A5, K1B5,
K1C5, K1D5, K1E5, M1A5, P1A5,
K1K5, L1C5
AEIO-540- L1B5D
TIO-540- A1A, A1B, A2A, A2B,
A2C, J2B, F2BD, J2BD, N2BD,
R2AD, S1AD, V2AD, U2A
LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, V2AD, U2A
IGO-540- A1A, A1C, B1A, B1C
IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C
VO-540- A1A, A2A, B1A, B2A,
B1B3, B1C, B2C, B1D, B2D, C1A,
C2A, C1B, C2B
TIVO-540- A2A
TIO-541- A1A, E1A4, E1B4, E1C4

Superior Air Parts, Inc.

SUPERIOR
R PARTS
INC.-FAA

APPROVED APPROVED
DESIGN LYCOMING
DATA REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL71549 71549
WASHER
(CONTINUED)

TIGO-541- E1A
IO-720- A1A, A1B, B1B, B1BD,
C1B, D1B

SL72343 72343
✓STABILIZER
Rev.None
dtd.6-02-72

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

IO-360- A1A, C1A, C1B, C1C,
C1C6, C1D6, C1E6, C1F, J1A6D
A1B, A1B6, A1B6D, A1C, A1D,
A1D6, A2B, A3B6D, A2A
AIO-360-A1A, A1B, B1B

HIO-360- B1B, A1A, C1A, C1B,
D1A, E1AD, E1BD, F1AD

TIO-360- A1B

AEIO-360- A1E

TVO-435- B1A

GO-480- B1A6, B1B, B1C, B1D,
D1A, F6, F1A6, F2A6, F4A6,
C1D6, G1A6, G1D6, G1H6, G1J6,
G2D6, G2F6, G1B6, G1E6

IO-540- A1A5, G1A5, G1B5,
G1C5, G1D5, G1E5, G1F5, K1A5,
K1B5, K1C5, K1D5, K1E5, P1A5,
K1K5, L1C5

IGO-540- A1A, A1C

IGSO-540- A1A, A1C, A1D, A1E,
A1H

VO-540- A1A, A2A, B1A, B2A,
B1B3, B1C, B2C, B1D, B2D, C1A,
C2A, C1B, C2B

TIVO-540-A2A

IO-720- A1A, A1B, D1B, D1C

AEIO-540- L1B5D

Superior Air Parts, Inc.

SUPERIOR
R PARTS
INC. - FAA
APPROVED
DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL76118 76118
✓ SPACER
Rev. None
dtd. 7-13-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-320- A2B, A2C, A2D, A3B,
E1A, E1F, E2A, E2B, E2C, E2D,
E2F, E2G, E2H, E3D, E3H, B2B,
B2C, B3B, D1A, D1D, D1F, D2A,
D2B, D2C, D2G, D2J, D3G, A2A,
A3A, A3C, B2A, B3A, B3C

IO-320- B1A, B1C, C1A, D1A,
D1B, E1A, E1B, E2A, E2B

AIO-320- B1B, C1B

LIO-320- B1A, C1A

C-360- A1A, A1AD, A1D, A1F6,
A1F6D, A1G6, A1G6D, A1LD, A2A,
A2D, A2F, A2G, A3A, A3AD, A4A,
A4G, A4J, A4K, A4M, A5AD, B2A,

C1A, C1C, C1E, C1F, C2A, C2C,
C2E, D2A, F1A6, A1C, A2E, C2D,
D2B, C1G, A4N

LO-360- A1G6D

TO-360- C1A6D

IO-360- A1A, B1B, B1A, C1A,
C1B, C1C, C1C6, C1D6, C1E6,
C1F, J1A6D

HO-360- B1A, B1B

HIO-360- A1A, B1A, C1A, C1B,
D1A, E1AD, E1BD, F1AD

LIO-360- C1E6

TIO-360- A1B, C1A6D

AEIO-360- A1E, B1G6, H1A,
D4B5, L1B5D

O-540- J1A5D, J3A5D, J3C5D,
L3C5D, B2B5, B2C5, B4B5, E4A5,

Superior Air Parts, Inc.

SUPERIOR
R PARTS
INC.-FAA

APPROVED APPROVED
DESIGN LYCOMING
DATA REPLACEMENT

DESIGN DATA &
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INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL76118 76118
SPACER
(CONTINUED)

E4B5, E4C5, G1A5, H1B5D,
H2B5D, A1A5, A1A, A1B5, A1C5,
A1D5, A2B, A3D5, B1A5, B1B5,
B2B5, B2C5, B4B5, E4A5, E4B5,
E4C5, F1A5, F1B5, G1A5, G2A5

IO-540- A1A5, B1A5, B1C5,
C1B5, C4B5, C4C5, D4A5, E1A5,
E1B5, G1A5, G1B5, G1C5, G1D5,
G1E5, G1F5, J4A5, K1A5, K1B5,
K1C5, K1D5, K1E5, M1A5, N1A5,
P1A5, R1A5, V4A5D, K1K5,
T4A5D, T4B5D, T4C5D, L1C5,
C4D5D, W3A5D

TIO-540- A1A, A1B, A2A, A2B,
A2C, C1A, E1A, G1A, H1A, J2B,
F2BD, J2BD, N2BD, R2AD, S1AD,
U2A, V2AD, AB1AD, AA1AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A, V2AD

✓ SL11997 LW11997
CRANKSHAFT
SEAL
Rev. None
dtd.8-30-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-235-C1, C1B, C1C, C2A, C2C,
F2A, F2B, H2C, J2A, K2A, K2B,
K2C, L2A, L2C, M1, N2A, N2C,
P2A

O-290- D, D2, D2B, D2C

O-320- A2B, A2C, A2D, A3B,
E1A, E1F, E2A, E2B, E2C, E2D,
E2F, E2G, E2H, E3H, E3D, B2B,
B2C, B3B, D1A, D1D, D1F, D2A,
D2B, D2C, D2G, D3G, H2AD, A2A,
A3A, A3C, B2A, B3A, B3C, D2A

IO-320- B1A, B1C, C1A, D1A,
D1B, E1A, E1B, E2A, E2B

AIO-320- B1B, C1B

LIO-320- B1A, C1A

O-340- A, B

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC. - FAA

APPROVED
DESIGN
DATA

APPROVED
LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL11997
CRANKSHAFT
SEAL
(CONTINUED)

LW11997

O-360- A1A, A1AD, A1D, A1F6,
A1F6D, A1G6, A1G6D, A1LD, A2A,
A2D, A2F, A2G, A3A, A3AD, A4A,
A4G, A4J, A4K, A4M, A5AD, B2A,
C1A, C1C, C1E, C1F, C2A, C2C,
C2E, D2A, F1A6, A1C, A2E, C2D,
D2B, E1A6D, C1G, A4N

LO-360- A1G6D, E1A6D

IO-360- A1A, B1A, B1B, C1A,
C1B, C1C, C1C6, C1D6, C1E6,
C1F, J1A6D

HO-360- B1A, B1B

TO-360- E1A6D

LTO-360- E1A6D

HIO-360- A1A, B1A, C1A, C1B,
D1A, E1AD, E1BD

IVO-360- A1A

TIO-360- A1B

VO-360- A1A, A1B, B1A

AEIO-360- A1E, B1G6, H1A

O-540- J1A5D, J3A5D, J3C5D,
L3C5D, B2B5, B2C5, B4B5, E4A5,
E4B5, E4C5, A1A, A1A5, A1B5,
A1C5, A1D, A1D5, A2B, A3D5,

B1A5, B1B5, B2B5, B2C5, F1A5,
F1B5

IO-540- A1A5, B1A5, B1C5,
C1B5, C4B5, C4C5, D4A5, E1A5,
E1B5, G1A5, G1B5, G1C5, G1B5,
G1E5, G1F5, J4A5, K1E5, R1A5,
C4D5D, T4A5D, T4B5D, T4C5D,
W3A5D

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC. - FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL11997 LW11997
CRANKSHAFT
SEAL
(CONTINUED)

TIO-540- C1A, E1A, G1A, H1A,
AB1AD, AA1AD

AEIO-540- D4B5

SL12700 LW12700
HOSE
Rev. None
dtd. 8-30-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

IO-360- C1C, C1C6

SL13077 LW13077
SPRING
Rev. None
dtd. 8-30-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-360- A1A, A2A, A3A, A1C,
A1D, A2D, A2E, B2A, C2A, C2C,
C2D, D2A, D2D

IO-360- B1A, B1B, C1A, C1B,
C1C, C1C6, C1D6, C1E6, C1F,
J1A6D

HO-360- B1A, B1B

HIO-360- B1A, A1A, C1A, C1B,
D1A, E1AD, E1BD, F1AD

LIO-360- C1E6

TIO-360- A1B
AEIO-360- A1E
IO-540- K1K5, L1C5

TIO-540- A1A, A1B, A2A, A2B,
A2C, J2B, F2BD, J2BD, N2BD,
R2AD, S1AD, U2A

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A

IGO-540- A1A, A1C, B1A, B1C

IGSO-540- A1A, A1C, A1D, A1H,
A1E, B1A, B1C

TIO-541- A1E

IO-720- D1C, A1A, A1B, B1B,
C1B, D1B, B1BD

AEIO-540- L1B5D

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC.-FAA

APPROVED DESIGN DATA
APPROVED LYCOMING
REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

✓ SL-13322 LW-13322
SEAT
Rev. None
dtd. 8-22-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

IO-360- A1A, C1A, B1A, C1C,
C1C6, C1D6, C1E6, C1F, J1A6D

HIO-360- A1A, C1A, C1B, D1A,
E1AD, E1BD, F1AD

TIO-360- A1B

AEIO-360- A1E

IO-540- K1A5

TIO-540- A1A, A1B, A2A, A2B,
A2C, J2B, F2BD, J2BD, N2BD,
R2AD, S1AD, V2AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, V2AD

IGO-540- A1A, A1C, B1A, B1C

IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C

TIGO-541- E1A, A1A, E1A4,
E1B4, E1C4

IO-720- A1B, B1B, B1BD, D1B,
D1C

AEIO-540- L1B5D

✓ SL-16475 LW-16475
SEAT
Rev. None
dtd. 8-22-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-320- A2B, A2C, A2D, A3B,
E1A, E2A, E2B, E2C, E2D, E2F,
E2G, E2H, E3D, E3H, B2B, B2C,
B3B, D1A, D1D, D2A, D2B, D2C,
D2G, D2J, D3G

O-360- B2A, C1A, C1C, C1E,
C1F, C2A, C2C, C2E, D2A, F1A6,
A1A, A2A, A3A, A1C, A1D, A2D,
A2E, B2A, C2A, C2C, C2D, D2A,
D2B, C1G, A4N

LO-360- A1G6D

Superior Air Parts, Inc.

SUPERIOR
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APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL-16475 LW-16475
SEAT
(CONTINUED)

TO-360- C1A6D

IO-360- A1A, B1A, B1B, C1A,
C1B, C1C, C1C6, C1D6, C1E6,
C1F, J1A6D, A1B, A1B6, A1B6D,
A1C, A1D, A1D6, A2A, A2B,
A3B6D, B1D, B1E, B1F, B2F,
B2F6, B4A

HO-360- B1A, B1B

HIO-360- A1A, B1A, C1A, C1B,
D1A, E1AD, E1BD, F1AD

LIO-360- C1E6

TIO-360- A1B, C1A6D

AEIO-360- A1E, B1G6, H1A

TO-360- E1A6D

LTO-360- E1A6D

TIO-540- A1A, A1B, A2A, A2B,
A2C, C1A, E1A, G1A, H1A, J2B,
F2BD, J2BD, N2BD, R2AD, S1AD,
U2A, V4A5D, V2AD, AB1AD, AA1AD

LTIO-540- J2B, F2BD, J2BD,
N2BD, R2AD, U2A, V2AD

IGO-540- A1A, A1C, B1A, B1C

IGSO-540- A1A, A1C, A1D, A1E,
A1H, B1A, B1C

IO-540- K1A5, T4A5D, T4B5D,
T4C5D, C4D5D, L1C5, W3A5D

AEIO-540- L1B5D, B4B5

Superior Air Parts, Inc.

SUPERIOR
R PARTS
INC. - FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA & APPROVAL MEANS

INSTALLATION ELIGIBILITY LYCOMING ENGINE

SL-16475 LW-16475
SEAT
(CONTINUED)

IO-720- D1C, A1A, A1B, B1B, B1BD, C1B, D1B, D1C
TIGO-541- E1A
TIO-541- A1A, E1A4, E1B4, E1C4

VO-540- A1A, A2A, B1A, B2A, B1B3, B1C, B2C, B1D, B2D, B1E, B2E, C1A, C2A, C1B, C2B

SL16711 LW16711
BEARING
Rev. None
dtd. 8-29-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

ALL FOUR-CYLINDER WIDE
CYLINDER FLANGE O-320-A, -B, -D, -E SERIES; IO-320-B, -C, -D, -E SERIES; LIO-320-B, -C SERIES; AIO-320-B, -C SERIES; AEIO-320-D, -E SERIES; O-360-A, -C, -D, -E, -F SERIES; IO-360-A, -B, -C, -F, -J, -K SERIES; LO-360-A SERIES; AIO-360-A, -B SERIES; LIO-360-C SERIES; AEIO-360-A, -B, -H SERIES ENGINES PRODUCING UP TO 200 HP @ 2700 RPM.

ALL SIX-CYLINDER, WIDE
CYLINDER FLANGE O-540-A, -B, -G, -H SERIES; IO-540-C, -D, -N, -T, -V, -AA SERIES; AEIO-540-D SERIES; TIO-540-C SERIES

PRORODUCING UP TO 260 HP @ 2700 RPM.
(AS TAKEN FROM LYCOMING SERVICE LETTER #1432)

SL18840 LW18840
CAM SHAFT
Rev. None
dtd. 8-19-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-320- A2B, A2C, A2D, A3B, E1A, E2A, E2B, E2C, E2D, E2G, E2H, E3D, E3H, B2B, B2C, B3B, D1A, D1D, D2A, D2B, D2C, D2G, D2J, D3G, A2A, A2B, A3A, A3C, B2A, B3A, B3C
IO-320- B1A, B1C, C1A, D1A, E2A

O-360- A1A, A1AD, A1D, A1F6, A1F6D, A1G6, A1G6D, A2A, A2D,

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC. - FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
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INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL18840 LW18840
CAM SHAFT
(CONTINUED)

A2F, A2G, A3A, A3AD, A4A, A4G,
A4J, A4K, A4M, A5AD, B2A, C1A,
C1C, C1E, C1F, C2A, C2C, C2E,
D2A, A1C, A2E, C2D, D2B, A4N

IO-360- A1A, B1A, B1B, C1A,
C1D, C1C, C1C6 C1D6, C1F,
J1A6D, C1B
HO-360- B1A, B1B
HIO-360- A1A, B1A, C1A, C1B,
E1AD, E1BD
TIO-360- A1B

AEIO-360- B1G6, H1A

SL13S19646 13S19646
(OLD NO. 61155)
GEAR
Rev. None
d. 8-29-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

O-235- C1, C1B, C1C, C2A, C2C,
F2A, F2B, H2C, K2A, K2B, K2C,
L2A, L2C, M1, N2A, N2C, P2A

O-290- D, D2, D2B, D2C

O-320- A2B, A2C, A2D, A3B,
E1A, E1F, E2A, E2B, E2C, E2D,
E2F, E2G, E2H, E3D, E3H, B2B,
B2C, B3B, D1A, D1D, D1F, D2A,
D2B, D2C, D2G, D2J, D3G, A2A,
A3A, A3C, B2A, B3A, B3C

IO-320- B1A, B1C, C1A, D1A,
D1B, E1A, E1B, E2A, E2B

AIO-320- B1B, C1B

LIO-320- B1A, B1C, C1A

IO-320- B1A, B1C, C1A, D1A,
E2A

O-340- A, B

O-360- A1A, A1D, A1F6, A1G6,
A2A, A2D, A2F, A2G, A3A, A4A,
A4G, A4J, A4K, A4M, B2A, C1A,
C1C, C1E, C1F, C2A, C2C, C2E,
D2A, F1A6, A1C, A2E, C2D, D2B,
A4N

Superior Air Parts, Inc.

SUPERIOR
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INC. - FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA & APPROVAL MEANS

INSTALLATION ELIGIBILITY LYCOMING ENGINE

SL13S19646 13S19646
(OLD NO. 61155)
GEAR
(CONTINUED)

IO-360- A1A, B1A, B1B
HO-360- B1A, B1B
HIO-360- A1A, B1A
IO-720- A1A, A1B, B1B, C1D, D1B, D1C
IO-540- T4A5D, T4B5D, T4C5D
TIO-540- AA1AD

SL72344 72344
STABILIZER
Rev. None
dtd. 6-02-72

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS.

IO-360- A1A, C1A, C1B, C1C
C1C6, C1D6, C1E6, C1F, J1A6D
A1B, A1B6, A1B6D, A1C, A1D,
A1D6, A2B, A3B6D, A2A
AIO-360-A1A, A1B, B1B
HIO-360- B1B, A1A, C1A, C1B,
D1A, E1AD, E1BD, F1AD
TIO-360- A1B
AEIO-360- A1E
TVO-435- B1A
GO-480- B1A6, B1B, B1C, B1D,
D1A, F6, F1A6, F2A6, F4A6,
C1D6, G1A6, G1D6, G1H6, G1J6,
G2D6, G2F6, G1B6, G1E6
IO-540- A1A5, G1A5, G1B5,
G1C5, G1D5, G1E5, G1F5, K1A5,
K1B5, K1C5, K1D5, K1E5, P1A5,
K1K5, L1C5
IGO-540- A1A, A1C
IGSO-540- A1A, A1C, A1D, A1E,
A1H
VC-540- A1A, A2A, B1A, B2A,
B1B3, B1C, B2C, B1D, B2D, C1A,

Superior Air Parts, Inc.

SUPERIOR
R PARTS
INC.-FAA

APPROVED DESIGN DATA
APPROVED LYCOMING REPLACEMENT

DESIGN DATA &
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ELIGIBILITY
LYCOMING ENGINE

SL72344 72344
STABILIZER
(CONTINUED)

C2A, C1B, C2B
TIVO-540-A2A
IO-720- A1A, A1B, D1B, D1C

AEIO-540- L1B5D

SL10207+010 NONE
PISTON
Revision D
dtd.5-17-88

FAA APPROVED DRAWING
STAMPED AND DATED
4-21-89 AND ANY FAA
APPROVED REVISIONS
(SEE STC NO.SE7582SW)

IO-360-A1A, A1B, A1B6, A1B6D,
A1C, A1C6, A1D, A1D6, A2A, A2B,
A2C, C1A, C1B, C1C, C1C6, C1D6,
C1E6, C1E6D, D1A, C1F, J1A6D
K2A, A3B6D

A10-360-A1A, A1B, B1B

AEIO-360-A1A, A1B, A1B6, A1D,
A1E, A2B

LIO-360-C1E, C1E6, C1E6D

HIO-360-A1A, C1A, C1B

LHIO-360-C1A

GO-480-C1B6, C1D6, C2 SERIES,
G2D6, G2F6, G1A6, G1AG (HELIO),
G1B6, G1D6 (HELIO), G1D6, G1E6,
G1F6, G1G6, G1J6

IGO-480-A1B6 (HELIO)

IO-540-M1A5, E1B5, A1A5, G1A5,
G1B5, G1C5, G1D5, G1E5, K1A5,
K1B5, K1D5, K1F5, L1A5, B1A5,
B1C5, E1A5, E1B5, G1F5, K1C5,
K1E5, P1A5, S1A5, K1A5D, K1F5D,
K1G5, K1G5D, K1H5, K1J5, K1J5D,
K1K5, L1A5D

HIO-540-A1A

AEIO-540-L1B5D

IO-540-M1A5D, M1B5, M1B5D,
U1A5D, U1B5D, K1E5D, S1A5

IGO-540-A1A, A1C, B1A, B1C

Superior Air Parts, Inc.

SUPERIOR
AIR PARTS
INC. - FAA

APPROVED APPROVED
DESIGN LYCOMING
DATA REPLACEMENT

DESIGN DATA &
APPROVAL MEANS

INSTALLATION
ELIGIBILITY
LYCOMING ENGINE

SL10207+010 NONE
PISTON
(CONTINUED)

VO-540-C1A, C1B, C1C3, C2A, C2C

IVO-540-A1A

IO-720-A1A, D1B, A1B, B1B, C1B,
D1B, B1BD, D1C, D1CD

W. A. Hoyer
for

Berl W. Whitford
Acting Manager, Manufacturing
Inspection Office

May 31, 1989