



```
No. 530-1
            Landing Gear Motor Assembly (7 Second)
            Idler Gear Assembly
No. 530-7
No. 530-8
            Change Gear Assembly
No. 530-9
            Upper Housing
No. 530-10
            Lower Housing
No. 530-17
            Change Gear Pinion
No. 530-19
            Shaft
No. 530-1B
            Landing Gear Motor Assembly (13 Second)
No. 530-2
            Engagement Unit Assembly
No. 530-3
            Upper Housing Assembly
            Lower Housing Assembly
No. 530-4
No. 530-5
            Motor Assembly
No. 530-6
            Gear & Spider Assembly
No. 530-7B
            Change Gear Assembly
No. 530-8B
            Change Gear Assembly
No. 530-9B
            Upper Housing
No. 530-10B Lower Housing
No. 530-11
            Pinion Assembly
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No. 530-12 Pinion

No. 530-13 Gear & Spider

No. 530-14 Engagement Knob

No. 530-15 Gear

No. 530-16 Spur Gear

No. 530-17B Change Gear Pinion

No. 530-18 Shaft

No. 530-19B Change Gear Pinion

No. 530-20 Bearing

<u>No. 530-21</u> Bearing

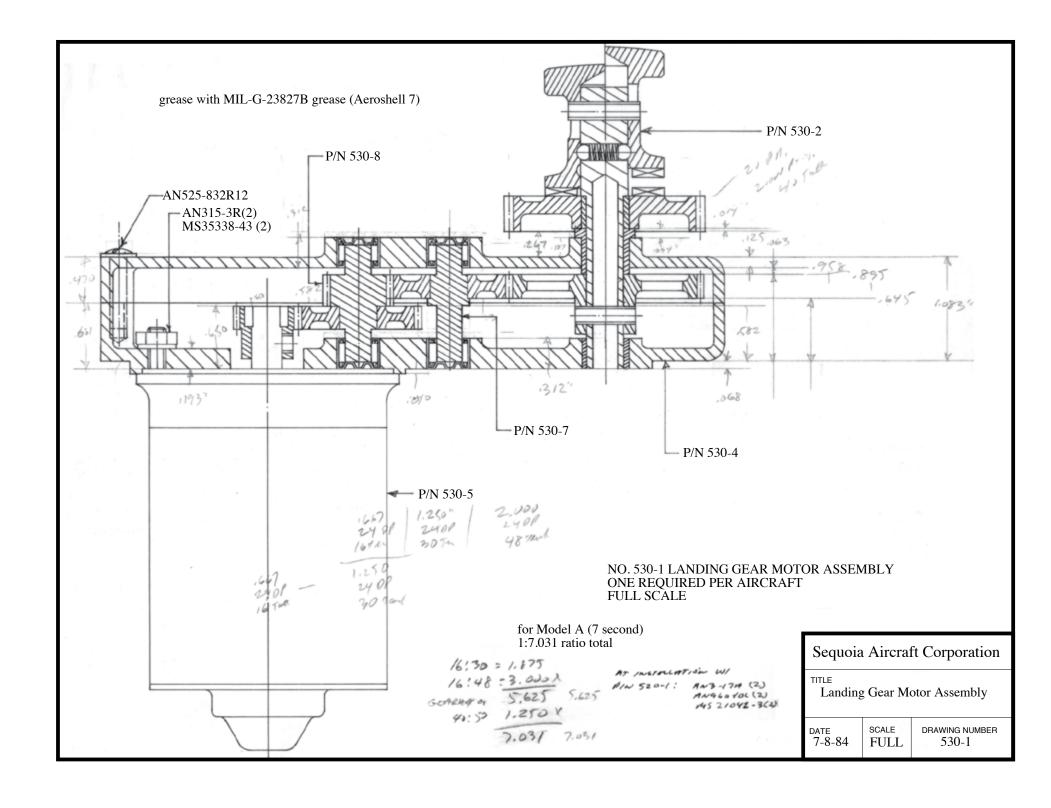
No. 530-22 Bearing

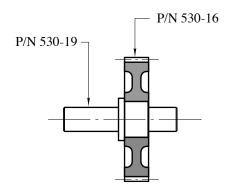
No. 530-23 Motor

No. 530-24 Key



Model A Landing Gear Motor 7 Second





see drawing No. 530-1 for installation

NO. 530-7 IDLER GEAR ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

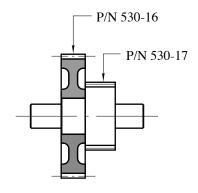
Sequoia Aircraft Corporation

TITLE
IDLER GEAR ASSEMBLY

FOR MODEL A

DATE 7-5-84

SCALE FULL



see drawing No. 530-1 for installation

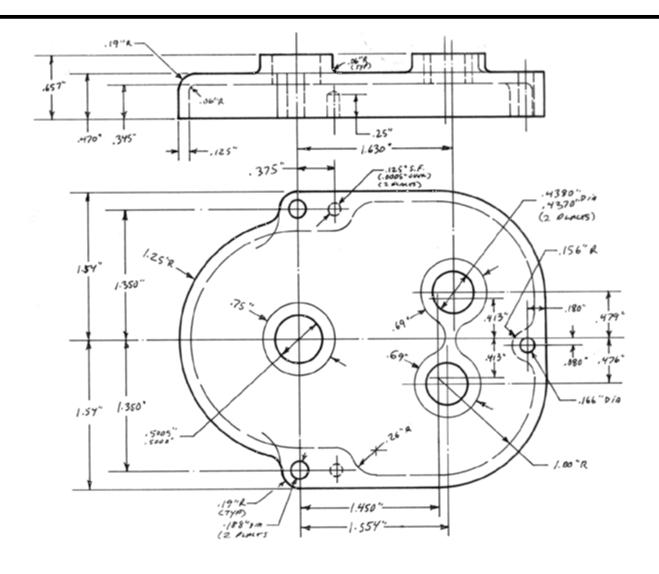
NO. 530-8 CHANGE GEAR ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

CHANGE GEAR ASSEMBLY FOR MODEL A

DATE 7-5-84 SCALE FULL



material: 6061-T6 or 2024-T4 aluminum alodine

see drawing No. 530-3 for installation

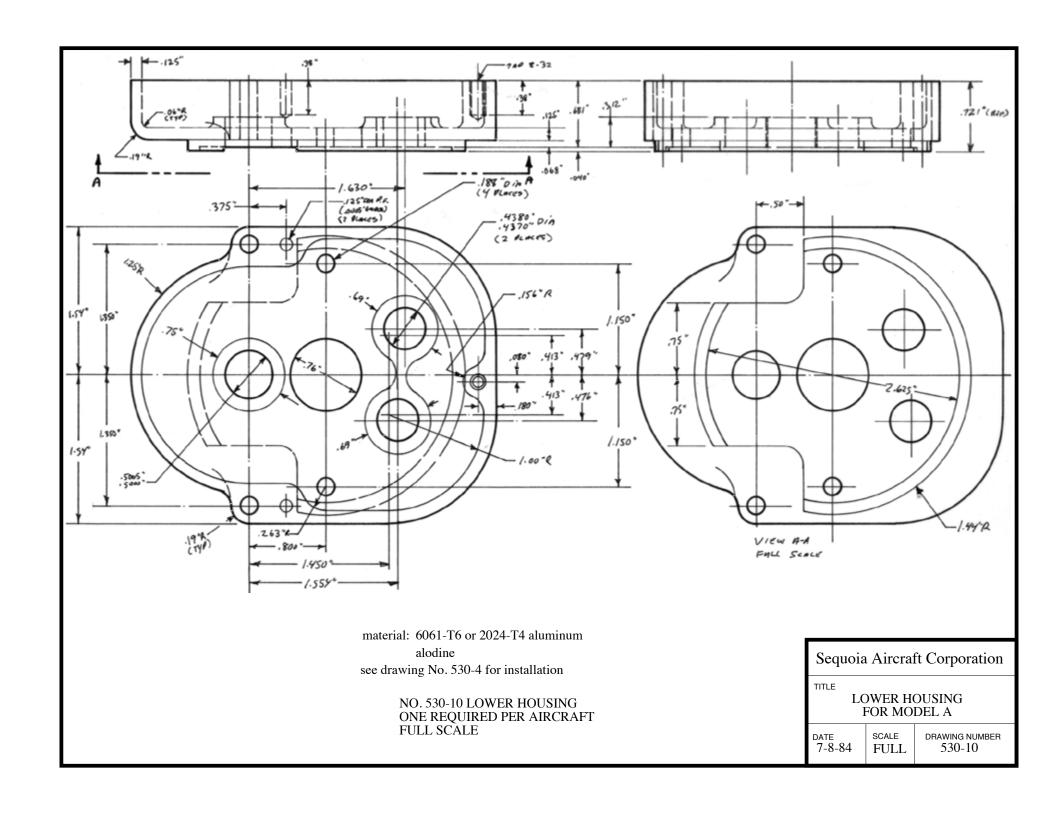
NO. 530-9 UPPER HOUSING ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

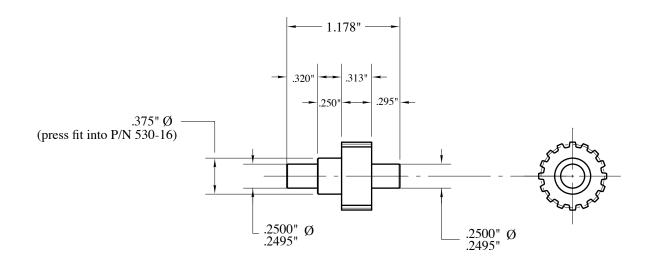
UPPER HOUSING FOR MODEL A

DATE 7-8-84 SCALE FULL $\begin{array}{c} \text{DRAWING NUMBER} \\ 530\text{-}9 \end{array}$



Boston Gear No. 37006 Pinion Wire

Pressure Angle 14-1/2°
Diametral Pitch 24
Material steel
Teeth 16
Pitch Diameter 0.667"



make from: Boston Gear No. 37006 pinion wire see drawing No. 530-8 for installation

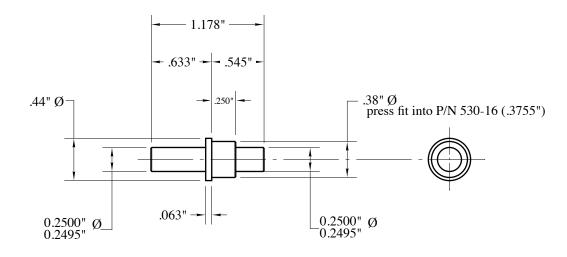
NO. 530-17 CHANGE GEAR PINION ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

CHANGE GEAR PINION FOR MODEL A & C

DATE 7-5-84 SCALE FULL



material: 4130 or 4140 steel heat treat to 125,000 psi

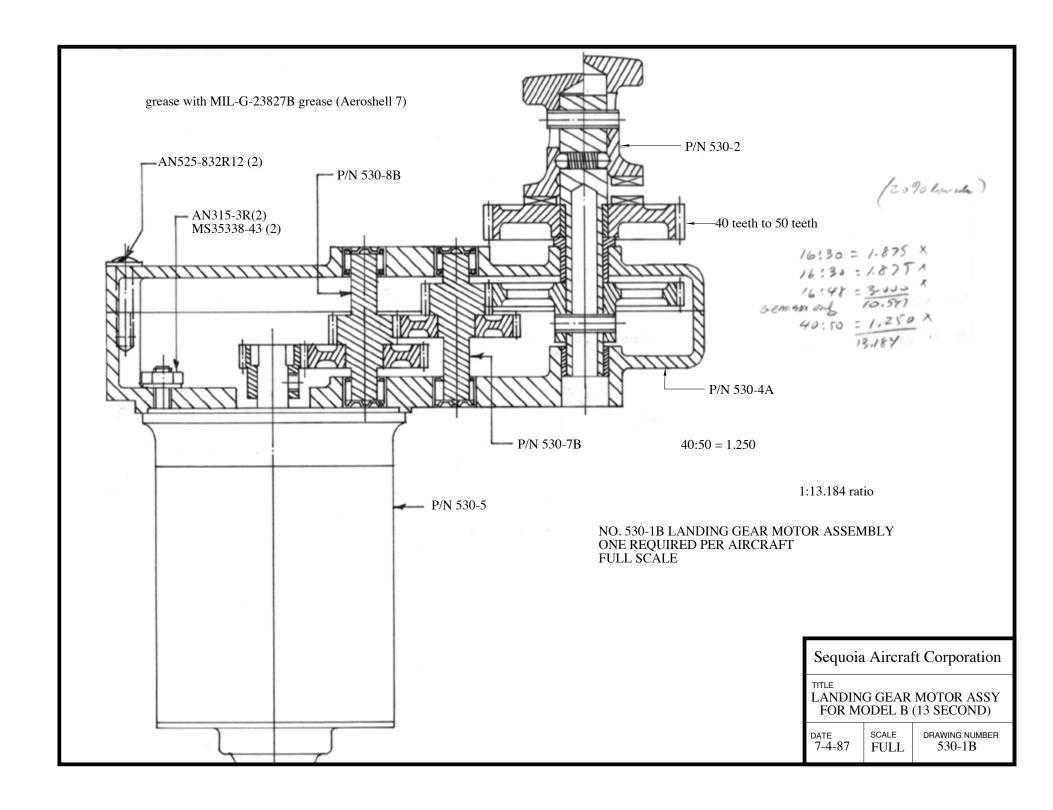
see drawing No. 530-7 for installation

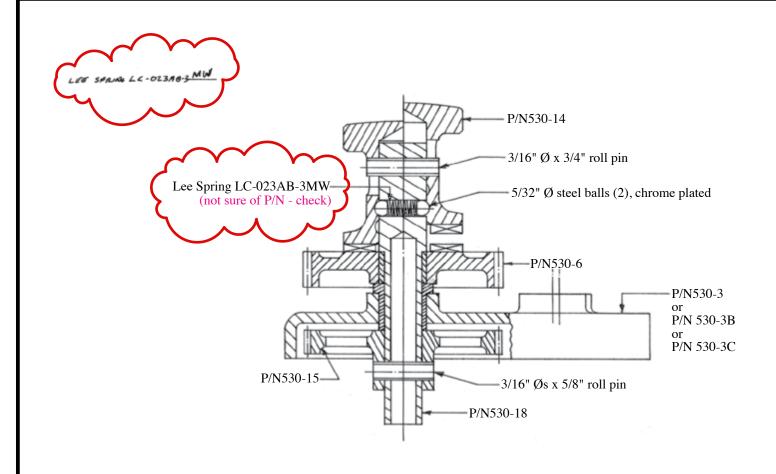
NO. 530-19 SHAFT ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation		
SHAFT FOR MODEL A		
DATE 7-5-84	SCALE FULL	DRAWING NUMBER 530-19



Model B Landing Gear Motor 13 Second

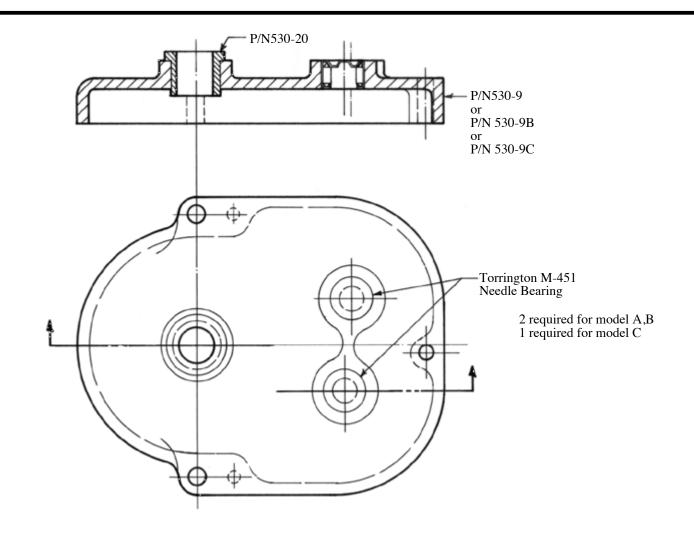




see drawing No. 530-1 for installation

NO. 530-2 ENGAGEMENT UNIT ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation TITLE ENGAGEMENT UNIT ASSY FOR MODEL A,B,C		



see drawing No. 530-2 for installation

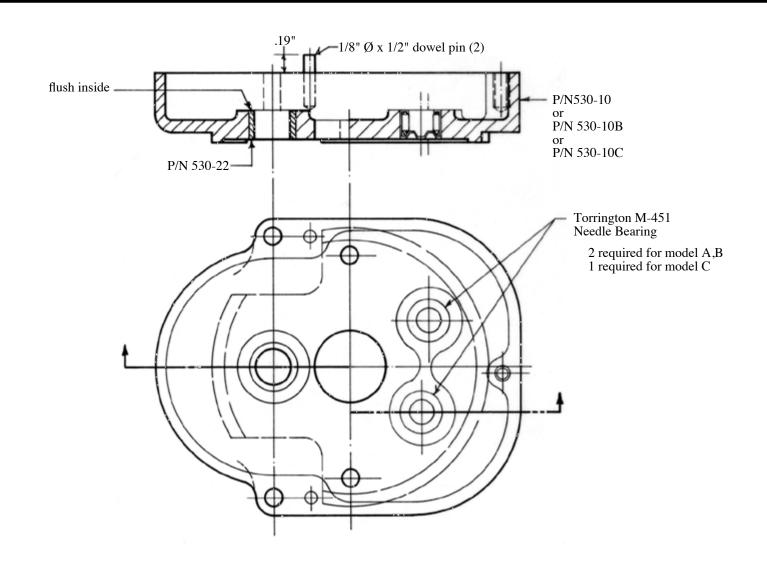
NO. 530-3 UPPER HOUSING ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

UPPER HOUSING ASSEMBLY FOR MODEL: A, B, C

DATE 7-8-84

SCALE **FULL**



see drawing No. 530-1 for installation

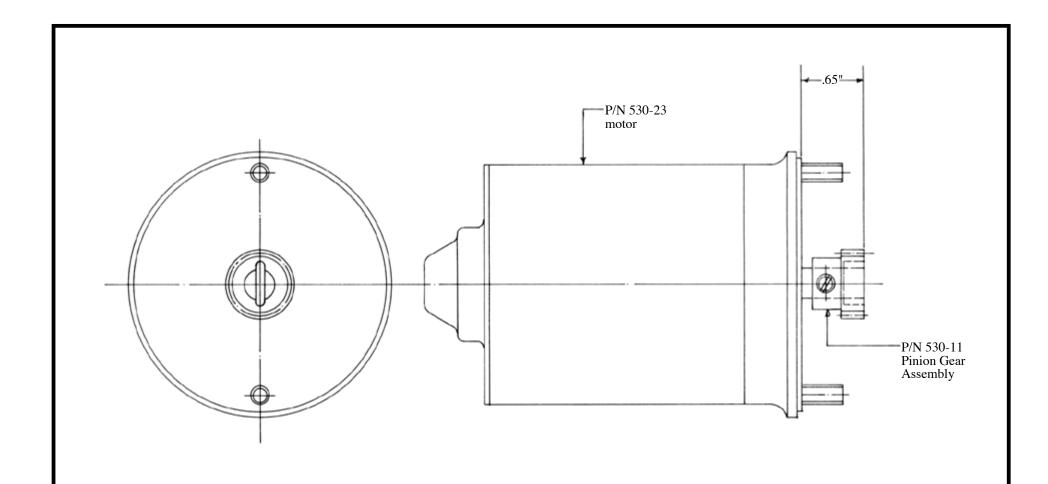
NO. 530-4 LOWER HOUSING ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

ITLE

LOWER HOUSING ASSEMBLY FOR MODEL A,B,C

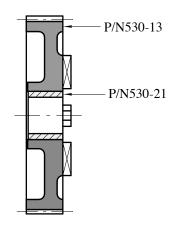
DATE 7-8-84 SCALE FULL



see drawing No. 530-1 for installation

NO. 530-5 MOTOR ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation TITLE MOTOR ASSEMBLY FOR MODEL A,B, C DATE 7-5-84 SCALE DRAWING NUMBER 530-5



see drawing No. 530-2 for installation

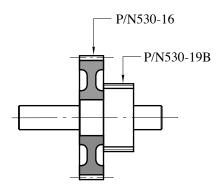
NO. 530-6 GEAR & SPIDER ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

GEAR & SPIDER ASSEMBLY FOR MODEL A,B,C

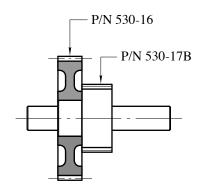
DATE 7-5-84 SCALE FULL



see drawing No. 530-1B for installation

NO. 530-7B CHANGE GEAR ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation		
TITLE CHANGE GEAR ASSEMBLY FOR MODEL B		
DATE 7-5-87	SCALE FULL	DRAWING NUMBER 530-7B



see drawing No. 530-1B for installation

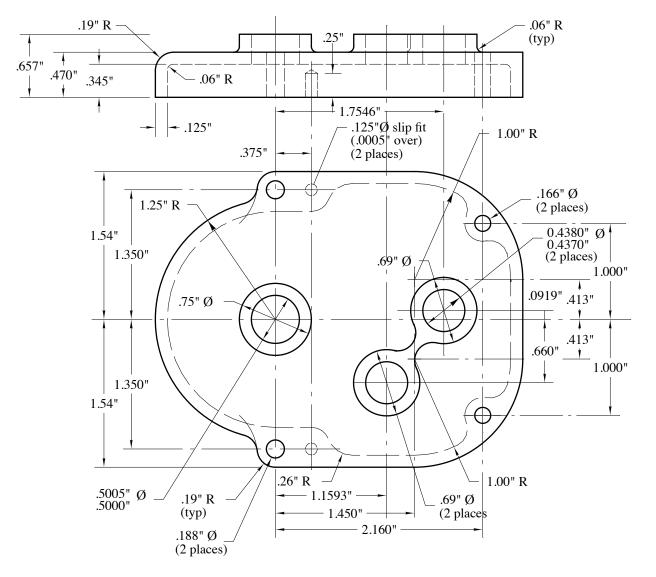
NO. 530-8B CHANGE GEAR ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

CHANGE GEAR ASSEMBLY FOR MODEL B

DATE 7-5-87 SCALE FULL



material: 6061-T6 or 2024-T4 aluminum alodine

see Drawing No. 530-3 for installation

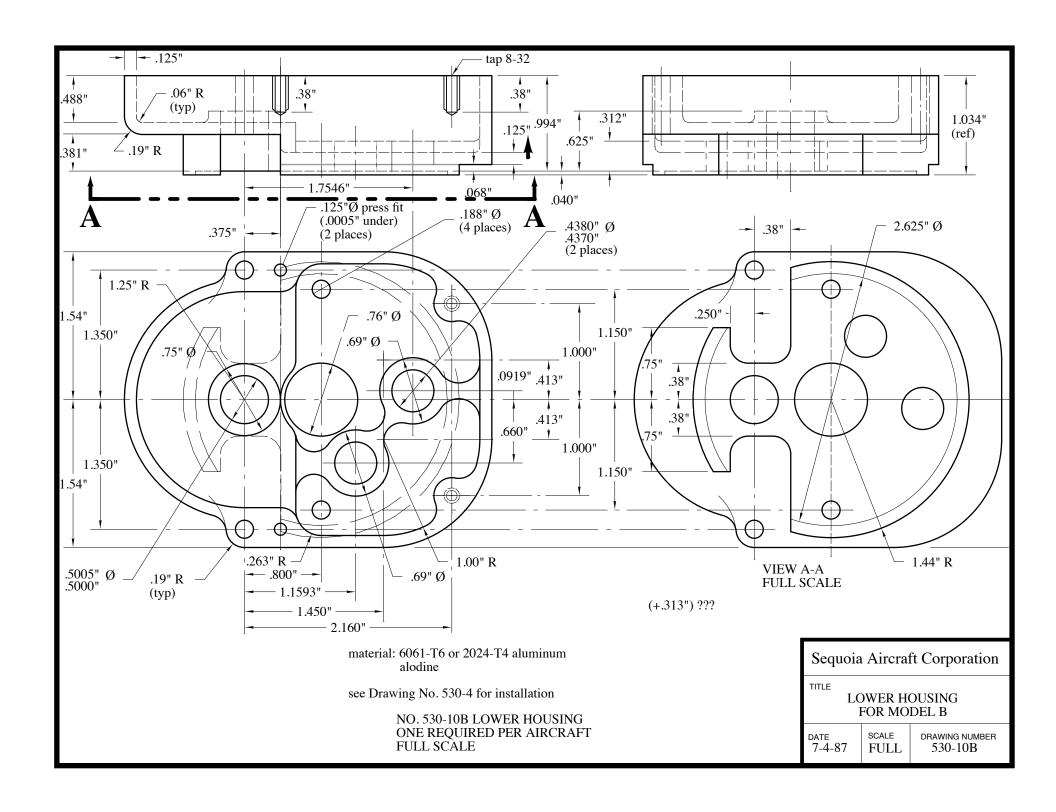
NO. 530-9B UPPER HOUSING ONE REQUIRED PER AIRCRAFT FULL SCALE

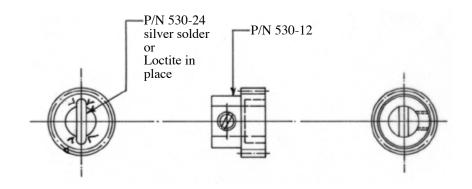
Sequoia Aircraft Corporation

TITLE

UPPER HOUSING FOR MODEL B

DATE 7-5-87 SCALE FULL





see drawing No. 530-5 for installation

NO. 530-11 PINION ASSEMBLY ONE REQUIRED PER AIRCRAFT FULL SCALE

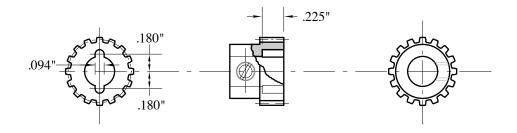
Sequoia Aircraft Corporation

TITLE

PINION ASSEMBLY FOR MODEL A,B,C

DATE 7-5-84 SCALE FULL

Boston Gear No. 09602 Pressure Angle 14-1/2° Diametral Pitch 24 1/4" Face Material steel Teeth 16 Pitch Diameter 0.667" 5/16" Bore 35/64" Ø Hub Hub Projection 5/16"

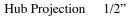


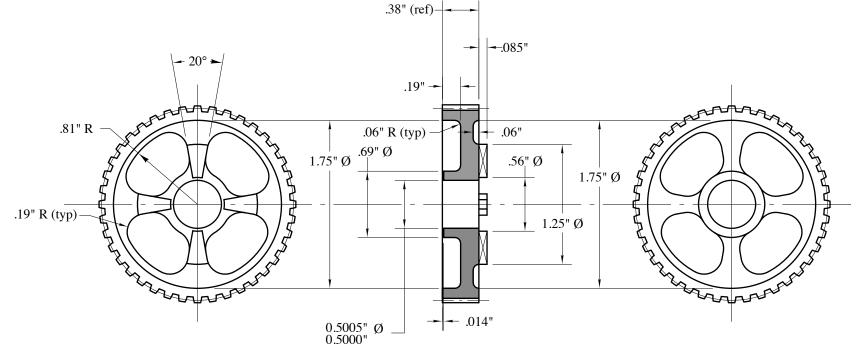
make from: Boston Gear No. 09602 see drawing No. 530-11 for installation

NO. 530-12 PINION ONE REQUIRED PER AIRCRAFT FULL SCALE

PINION FOR MODEL A, B, C DATE 7-5-84 SCALE FULL DRAWING NUMBER 530-12

Boston Gear No. 09694 Pressure Angle 14-1/2° Diametral Pitch 20 3/8" Face Material steel Teeth 40 Pitch Diameter 2.000" 3/8" Bore Hub 1-23/32" Ø





make from: Boston Gear No. 09694 see drawing No. 530-6 for installation cadmium chromate plate

NO. 530-13 GEAR & SPIDER ONE REQUIRED PER AIRCRAFT FULL SCALE

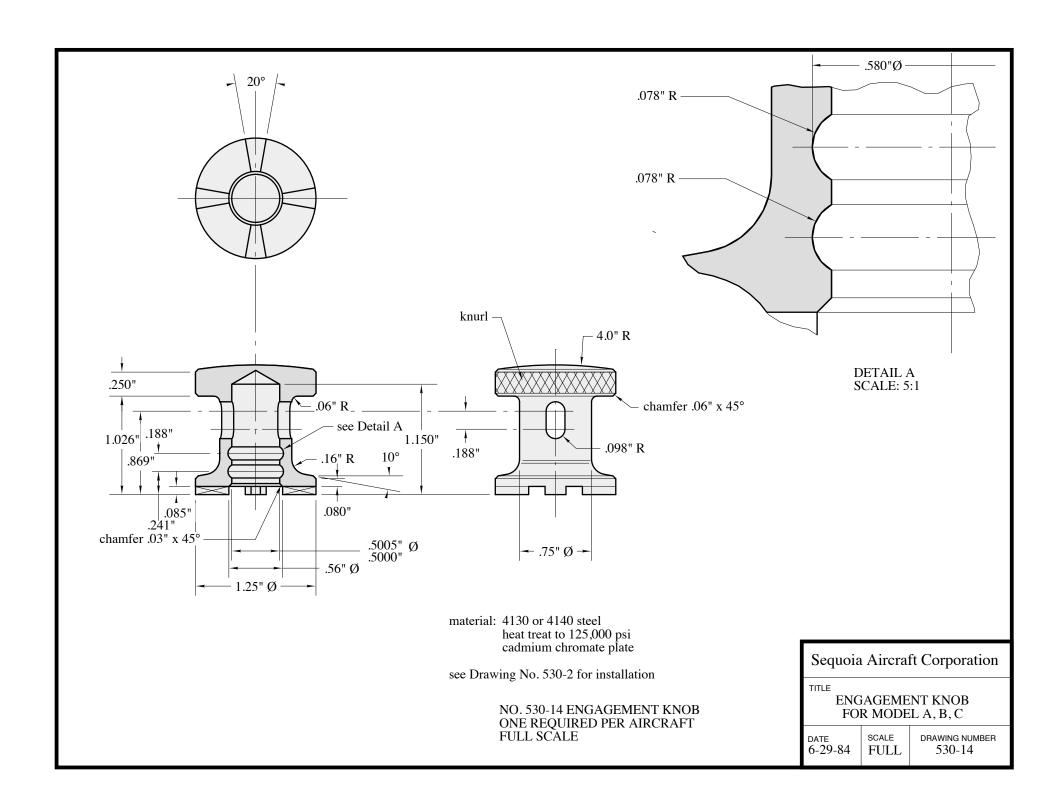
Sequoia Aircraft Corporation

TITLE

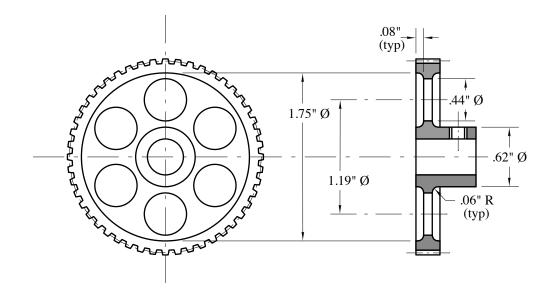
GEAR & SPIDER FOR MODEL A, B, C

DATE 7-2-84

SCALE FULL



Boston Gear No. 09618 Pressure Angle 14-1/2° Diametral Pitch 24 1/4" Face Material steel Teeth 48 Pitch Diameter 2.000" 3/8" Bore 1-1/4" Ø Hub 3/8" **Hub Projection**

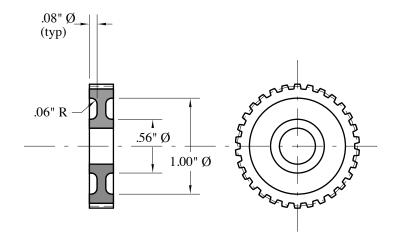


make from: Boston Gear No. 09618 see drawing No. 530-2 for installation

NO. 530-15 GEAR ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation TITLE GEAR FOR MODEL A, B, C DATE 7-5-84 SCALE FULL DRAWING NUMBER 530-15

Boston Gear No. 09612 Pressure Angle 14-1/2° Diametral Pitch 24 1/4" Face Material steel Teeth 30 Pitch Diameter 1.250" 3/8" Bore Hub 1" Ø 3/8" **Hub Projection**



make from: Boston Gear No. 09612 see drawing No. 530-7 & 530-8 for installation

NO. 530-16 SPUR GEAR 2 REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

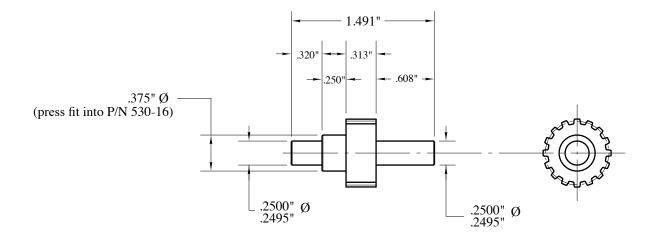
TITLE

SPUR GEAR FOR MODEL A, B

DATE 7-5-84 SCALE FULL

Boston Gear No. 37006 Pinion Wire

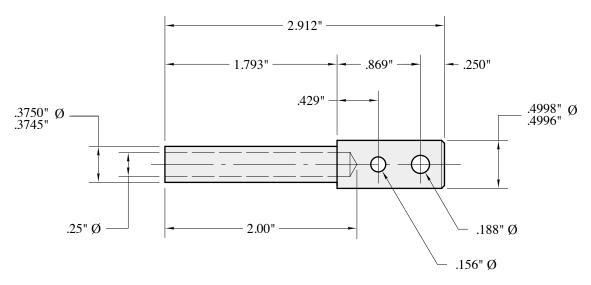
Pressure Angle 14-1/2°
Diametral Pitch 24
Material steel
Teeth 16
Pitch Diameter 0.667"



make from: Boston Gear No. 37006 pinion wire see drawing No. 530-8B for installation

NO. 530-17B CHANGE GEAR PINION ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation		
CHANGE GEAR PINION FOR MODEL B		
DATE 7-5-87	SCALE FULL	DRAWING NUMBER 530-17B



material: 4130 or 4140 steel heat treat to 125,000 psi

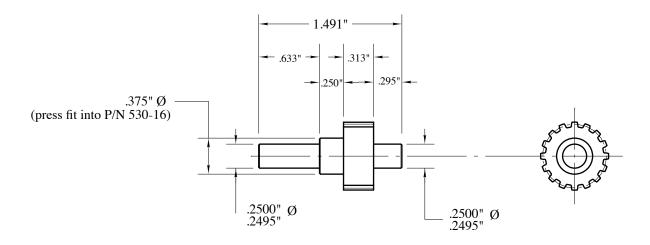
see Drawing No. 530-2 for installation

NO. 530-18 SHAFT ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation		
SHAFT FOR MODEL A, B, C		
DATE 7-5-84	scale FULL	DRAWING NUMBER 530-18

Boston Gear No. 37006 Pinion Wire

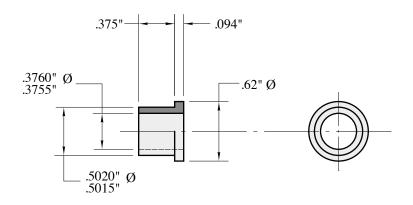
Pressure Angle 14-1/2°
Diametral Pitch 24
Material steel
Teeth 16
Pitch Diameter 0.667"



make from: Boston Gear No. 37006 pinion wire see drawing No. 530-7B for installation

NO. 530-19B CHANGE GEAR PINION ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation		
TITLE CHANGE GEAR PINION FOR MODEL B		
DATE 7-5-87	SCALE FULL	DRAWING NUMBER 530-19B



material: SAE 660 bronze cadmium plate

see Drawing No. 530-3 for installation

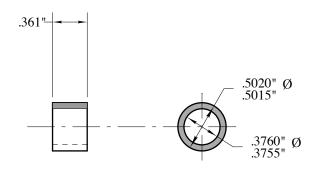
NO. 530-20 BEARING ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

BEARING FOR MODEL A, B, C

DATE 7-5-84 SCALE FULL



material: SAE 660 bronze cadmium plate

see Drawing No. 530-6 for installation

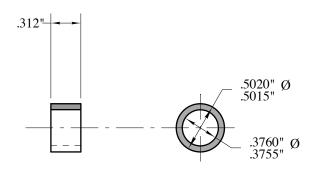
NO. 530-21 BEARING ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

BEARING FOR MODEL A, B, C

DATE 7-5-84 SCALE FULL



material: SAE 660 bronze cadmium plate

see Drawing No. 530-4 for installation

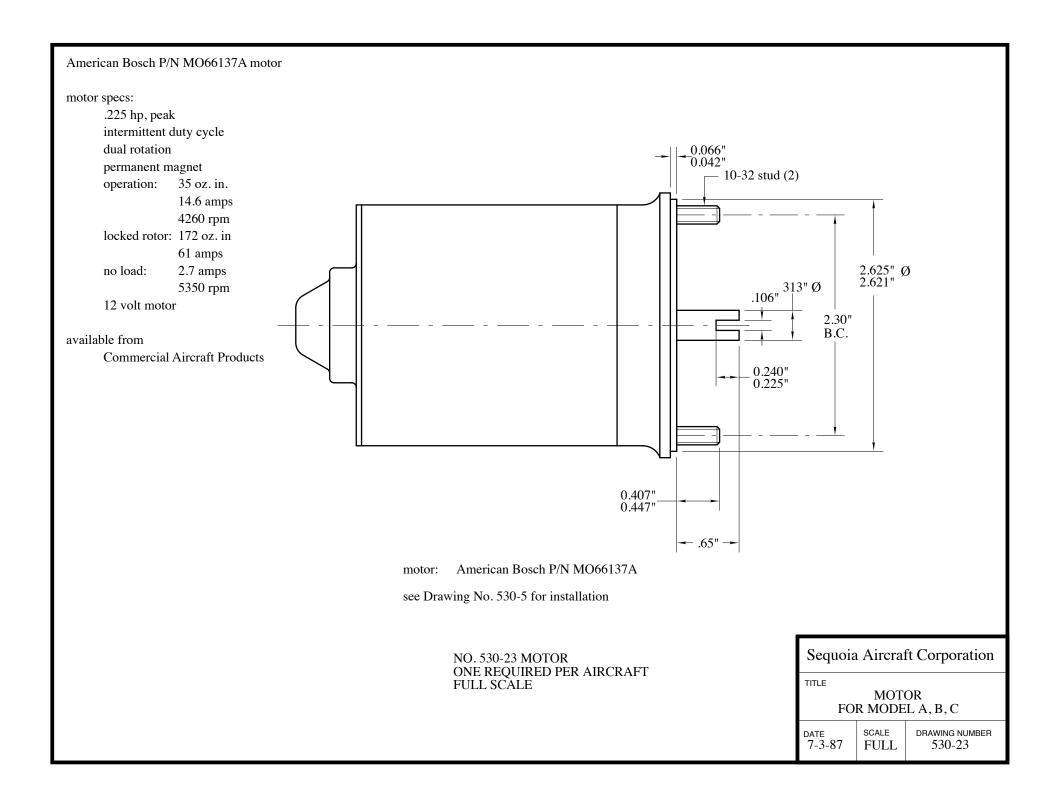
NO. 530-22 BEARING ONE REQUIRED PER AIRCRAFT FULL SCALE

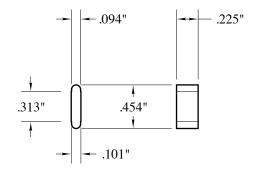
Sequoia Aircraft Corporation

TITLE

BEARING FOR MODEL A, B, C

DATE 7-5-84 SCALE FULL





material: steel

see Drawing No. 530-11 for installation

NO. 530-24 KEY ONE REQUIRED PER AIRCRAFT FULL SCALE

Sequoia Aircraft Corporation

TITLE

KEY FOR MODEL A, B, C

DATE 7-5-84 SCALE FULL