

# Sta-Lok Safety Systems

Product Information



## GENERAL AVIATION TIE-DOWNS & ANCHORS FOR AIRPORTS & AIRFIELDS

LIGHT SINGLE ENGINE

LIGHT TWIN ENGINE

HELICOPTER

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## **STA-LOK SAFETY SYSTEMS**

1510 LONE OAK RD., EAGAN, MINNESOTA 55121  
PH: 651-270-3226 FAX: 651-330-3172 WEBSITE: WWW.STA-LOK.COM  
EMAIL: MARK@ANCHORMFG.COM

### COMPANY

Sta-Lok Safety Systems, Inc. is a manufacturer of general aviation aircraft tie-downs and tie-down anchors that are designed for permanent installation at airports and airfields.

### PRODUCTS

We manufacture SLTD-3K and SLTD-4K chain tie downs. Our tie-down anchors are designed for installation in both paved concrete or bituminous/asphalt paved tie-down ramps and are typical of the designs detailed in FAA Advisory Circular #AC20-35C.

### QUESTIONS? QUOTES?

Please contact us at any time. We will gladly provide a written quote upon request.

### ORDERING

When ordering, a purchase order or purchase request is appreciated. Please note that due to the many variations in tie-down and anchor design, it is not possible for us to 'stock' a specific size, type, length, style, etc. We will fabricate the tie-downs or tie-down anchors to the model type, size, length, bend radii, and material type that you specify. For this reason, please allow as much lead time as possible to better ensure your order will be completed when you need it.

Orders are invoiced net 30 days upon shipping.

SLA-3 Tie-Down Anchors  
1/2" Dia. x 28" H x 6" Leg  
Hot dipped galvanized



# Tie-Down Anchors

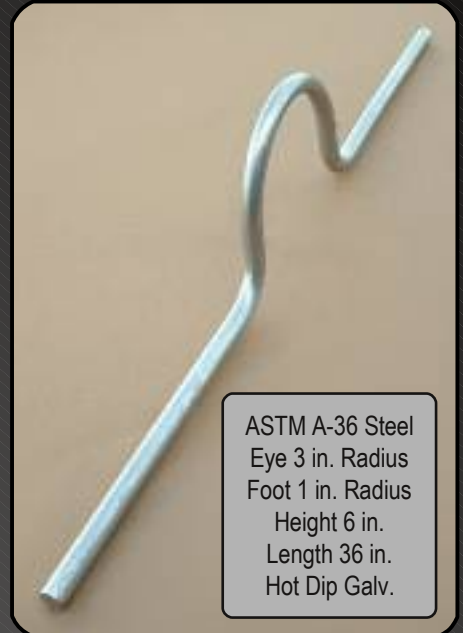
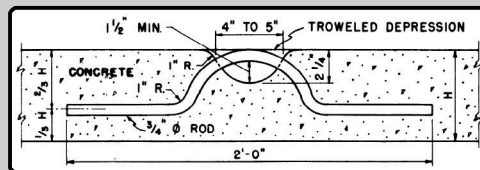
## MODEL SLA-1 OPEN EYE FOR PAVED CONCRETE PARKING SURFACES



ASTM A-36 Steel  
Eye 2 in. Radius  
Foot 1 in. Radius  
Height 4 in.  
Length 24 in.  
Hot Dip Galv.

Sta-Lok Safety Systems Model SLA-1 Open Eye Tie-Down Anchor is designed for paved concrete parking aprons and is typical of the design detailed in FAA Advisory Circular #20-35C [inset].

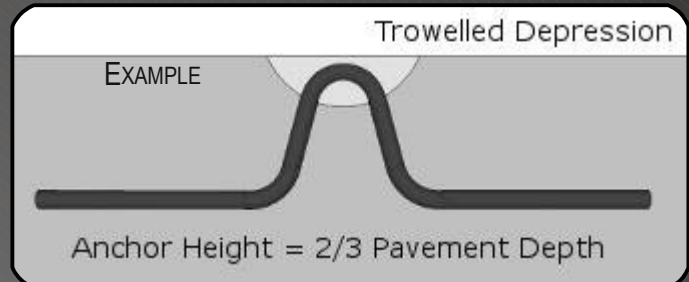
Eye Radius - 1 to 3 in. typical  
Secondary Radius - 1 to 2 in typical  
Height- 4 to 8 in. typical  
Length - 24 to 36 in. typical



ASTM A-36 Steel  
Eye 3 in. Radius  
Foot 1 in. Radius  
Height 6 in.  
Length 36 in.  
Hot Dip Galv.



PVC Concrete  
Displacement Cup

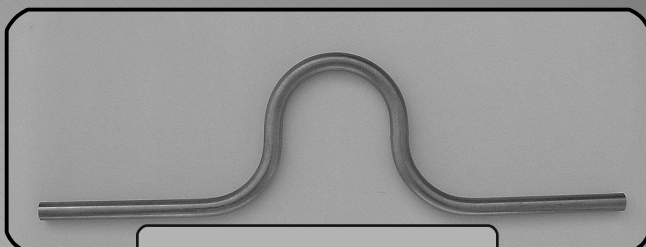


### SPECIFICATIONS

**MATERIAL:** FABRICATED FROM ASTM A-36 CONTINUOUS ROUND 100% AMERICAN MFG. STEEL ROD.  
AVAILABLE IN BAR DIAMETER OF 3/4 IN.  
HOT DIPPED GALVANIZED TO ASTM STANDARD A-123.

**DIMENSIONS:** DIMENSIONS<sup>1</sup> SHOWN ARE TYPICAL. ANCHORS MAY BE BUILT TO THE SPECIFICATIONS SHOWN, A VARIATION OF THE SPECIFICATIONS SHOWN, OR TO YOUR SPECIFICATIONS IF POSSIBLE.

**NOTE <sup>1</sup>:** DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.



All Bend Radii 2 in. / Height 6 in.



Eye Radius 3 in. / Secondary Radii 1 in. / Height 4 in.

# Tie-Down Anchors

MODEL SLA-2  
FOR BITUMINOUS/HMAC OR SOFT FIELD  
PARKING SURFACES



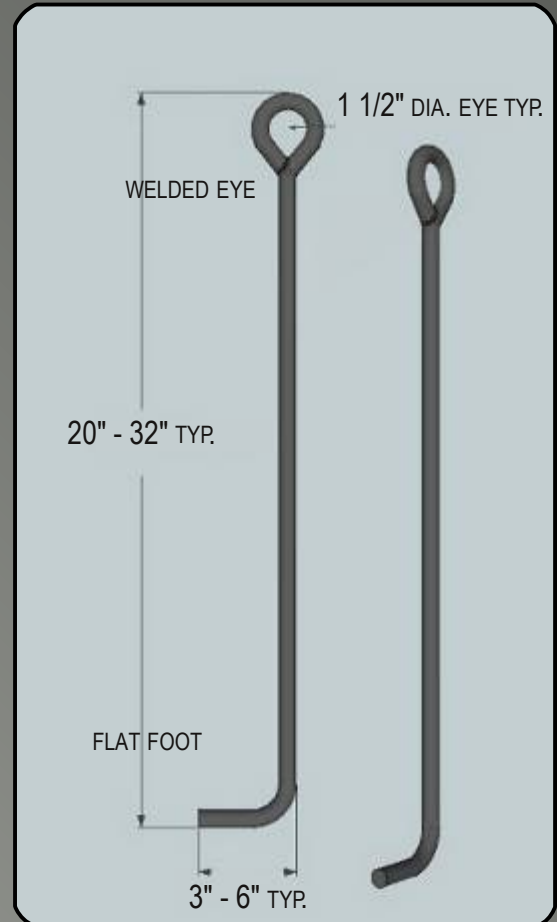
BARE A-36 STEEL  
BEFORE GALVANIZING



WELDED  
EYE



SHEPHERD'S  
HOOK



## SPECIFICATIONS

**MATERIAL:** FABRICATED FROM ASTM A-36 CONTINUOUS ROUND 100% AMERICAN MFG. STEEL ROD.  
NOT CURRENTLY AVAILABLE IN OTHER MATERIAL TYPES.  
AVAILABLE IN BAR DIAMETERS OF 1/2 IN., 5/8 IN., OR 3/4 IN.  
HOT DIPPED GALVANIZED TO ASTM STANDARD A123.

**DIMENSIONS:** DIMENSIONS<sup>1</sup> SHOWN ARE TYPICAL. ANCHORS MAY BE BUILT TO THE SPECIFICATIONS SHOWN, A VARIATION OF THE SPECIFICATIONS SHOWN, OR TO YOUR SPECIFICATIONS IF POSSIBLE.

**NOTE 1:** DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.

# Tie-Down Anchors

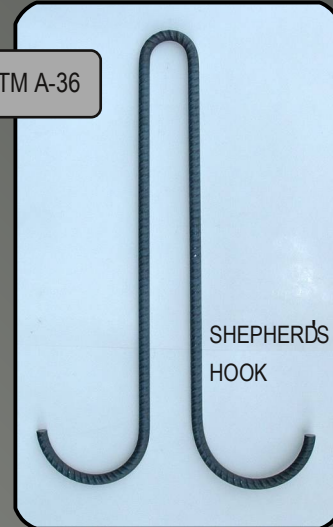
MODEL SLA-3  
FOR BITUMINOUS/HMAC OR SOFT FIELD PARKING SURFACES



ASTM A-36

FLAT  
FOOT

18-28 IN. HEIGHT  
TYPICAL



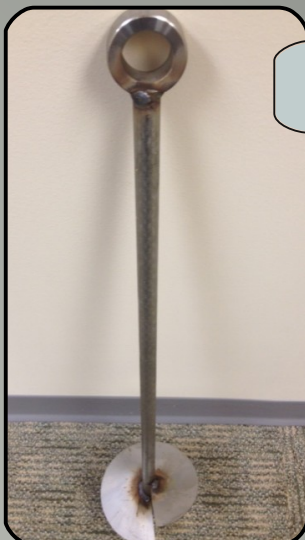
ASTM A-36

SHEPHERD'S  
HOOK

## SPECIFICATIONS

**MATERIAL:** FABRICATED FROM 100% AMERICAN MFG. ASTM A-36 CONTINUOUS ROUND STEEL ROD.  
AVAILABLE IN BAR DIAMETERS OF 1/2 IN., 5/8 IN., OR 3/4 IN.  
HOT DIPPED GALVANIZED TO ASTM STANDARD A123.

**DIMENSIONS:** DIMENSIONS<sup>1</sup> SHOWN ARE TYPICAL. ANCHORS WILL BE BUILT TO THE DESIGN SPECIFICATIONS FOR YOUR PROJECT.  
**NOTE <sup>1</sup>:** DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.



MODEL HL-30, HL-40, HL-48

Weld Less Ring

Available in 304 SS or A-36 hot dipped galvanized 30", 40", or 48" length. 3/4" diameter.

# Tie-Downs

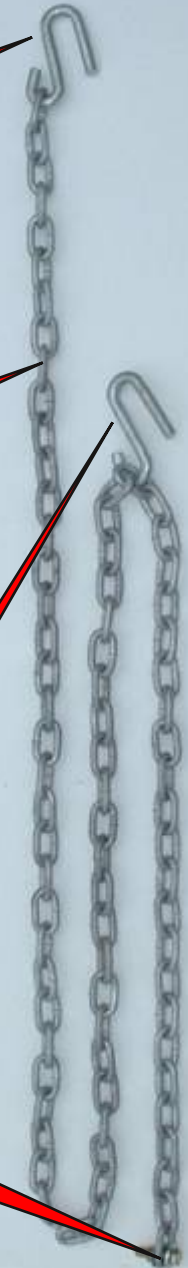
MODEL SLTD-3K FOR LIGHT SINGLE ENGINE AIRCRAFT  
TENSION TESTED TO 3000 LBS.

MODEL SLTD-4K FOR ALL AIRCRAFT INCLUDING LIGHT TWIN ENGINE AIRCRAFT  
TENSION TESTED TO 4000 LBS

SLTD-3K



SLTD-4K



PRIMARY S-HOOK  
HEAT TREATED FOR STRENGTH  
ZINC PLATED FOR CORROSION RESISTANCE  
TENSION TESTED TO MEET FAA  
RECOMMENDATIONS

DOMESTIC, PROOF COIL CHAIN  
COMPLIES WITH NATIONAL ASSOC. OF CHAIN  
MANUFACTURERS STANDARDS  
HOT DIP GALVANIZED  
TENSION TESTED TO MEET FAA RECOMMENDATIONS

SLACK HOOK  
HEAT TREATED FOR STRENGTH  
ZINC PLATED FOR CORROSION RESISTANCE  
TENSION TESTED TO MEET FAA  
RECOMMENDATIONS

ATTACH HARDWARE IS INCLUDED  
GRADE 8 BOLT & NUT W/TWO FLAT  
WASHERS  
ATTACH HARDWARE IS ZINC PLATED FOR  
CORROSION RESISTANCE



FOR CABLE BASED TIE-DOWN RAMPS WE  
CAN INSTALL DROP FORGED, GALVANIZED  
CABLE CLAMPS IN LIEU OF THE BOLT/NUT  
ATTACH HARDWARE.

# Sta-Lok Safety Systems

Since 1976 Sta-Lok Safety Systems have provided tie-down products to hundreds of airports. Here are but a few:

Lakes of the North Airport (MI)  
Oxford Municipal Airport (KS)  
Chan Gurney Municipal Airport (SD)  
Carson City Airport (NV)  
Camarillo Airport (CA)  
Delano Municipal Airport (CA)  
Defuniak Springs Airport (FL)  
Chiloquin State Airport (OR)  
Port of Moses Lake (WA)  
Redmond Municipal (OR)  
Newport State (RI)  
Merced Regional (CA)  
Minden-Tahoe Airport (NV)  
St. Mary's Co. (MD)  
Blake Field (CO)  
French Valley Airport (CA)  
Port of Shelton-Sanderson Field (WA)  
US Border Patrol Clint (TX)  
Florence Municipal Airport (OR)  
Tri-Cities Airport Pasco (WA)  
US Border Patrol Lordsburg (NM)  
Orcas Island Airport (WA)  
Ashland Municipal Airport (OR)  
Mahlon Sweet Airport (OR)

HG Ltd. FBO at Concord (CA)  
Buchanan Field Airport (CA)  
Portland-Hillsboro Airport (OR)  
Bakersfield Municipal Airport (CA)  
Portland-Troutdale Airport (OR)  
Camarillo Airport (CA)  
Santa Ynez Airport (CA)  
Brookings Airport (OR)  
Sacramento Executive Airport (CA)  
Oceano County Airport (CA)  
Gross Field Airport (CA)  
Christmas Valley Airport (OR)  
Cameron Park Airport (CA)  
Fresno-Chandler Exec. Airport (CA)  
Siskiyou County Airport (CA)  
Snohomish Co. Paine Field (WA)  
Warsaw Municipal Airport (IN)  
Half Moon Bay Airport (CA)  
Ontario Municipal Airport (OR)  
Lincoln Regional Airport (CA)  
Boonville Airport (CA)  
Santa Monica Municipal Airport (CA)  
Byron Airport (CA)



Florence, OR Municipal Airport Apron Expansion 2011  
Sta-Lok Safety Systems Model SLA-2 Tie-Down Anchors  
and Model SLTD-3K Tie-Downs were installed.