ADC WITHOUT CLADDING OR COVERS

TOLERANCES UNLESS OTHERWISE NOTED:

FRACTIONAL: 0"-1/16" ±1/64" 1/16"-1/32" ±1/32" 1/32"-1/16" ±1/16"
DECIMAL: X.X ±0.0100" X.XX ±0.0050" X.XXX ±0.0001"
ANGLES: ±0.5°
FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

DESCRIPTION

REV DRWN CHK'D DATE DESCRIPTION
B VRW VRW 6/21/04 ADD ELECTRONICS PANEL, CHANGE ROLLERS & LENGTH
C VRW VRW 9/7/04 ADD TELESCOPE SIDE HARDPOINT
D VRW VRW 1/25/09 MODIFY AFT CLADDING FOR ELECTRIC PANEL
SIDE VIEW
INSTRUMENT ROTATES FROM THIS ORIENTATION TO LOOKING STRAIGHT UP

INSTRUMENT ROTATION

LIGHT THRU INSTRUMENT

REV DRWN CHK'D DATE DESCRIPTION

Cassegrain
ADC Assy

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL:
0"-6": ±1/64"
6"-24": ±1/32"
24"+:
DECIMAL:
X.X: ±0.1000"
X.XX: ±0.0100"
X.XXX: ±0.0050"
X.XXXX: ±0.0001"
ANGLES:
±0.5°
FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

INSTRUMENT ROTATION FROM THIS ORIENTATION TO LOOKING STRAIGHT UP
NOTES:
1) CLADDING HOLES NOT GENERALLY SHOWN. MATCH DRILL FOR 8-32 SOCKET BUTTON CAP SCREWS ON APPROX. 8" CENTERS
2) TOTAL WEIGHT = 1250 LB. 
3) PAINT ALL STEEL SURFACES AND ALL EXTERIOR ALUMINUM SURFACES BLACK WITH AMERON 385 
4) FLOCK INSIDE SURFACES WITH ULTRA-POL UP-V-W/P5A RIFFEE CORPORATION

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL:    0"-6": ±1/64"   6"-24": ±1/32"   24"+: ±1/16"
DECIMAL:        X.X: ±0.1000" X.XX: ±0.0100" X.XXX: ±0.0050" X.XXXX: ±0.0001"
ANGLES: ±0.5°
FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX
### Parts List

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**Tolerances Unless Otherwise Noted**
- Fractional: ±1/64”
- Decimal: ±0.0100”
- Decimal: ±0.0050”
- Decimal: ±0.0001”

**Angles:** ±0.5°

**Finishes:** 125 MICRO INCHES

**Break all sharp edges & corners 1/8” max**
NOMENCLATURE:
1 = PRIMARY
2 = SECONDARY
HOME = FIDUCAL
RETRACT = CELL TOWARD CENTER OF INSTRUMENT
DEPLOYED = CELL TOWARD END OF INSTRUMENT
FWD = TOWARD TELESCOPE SECONDARY
AFT = TOWARD CASS INSTRUMENT

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL: ±1/64" ±1/32" ±1/16"
DECIMAL: ±0.1000" ±0.0100" ±0.0050" ±0.0001"
ANGLES: ±0.5°
FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX