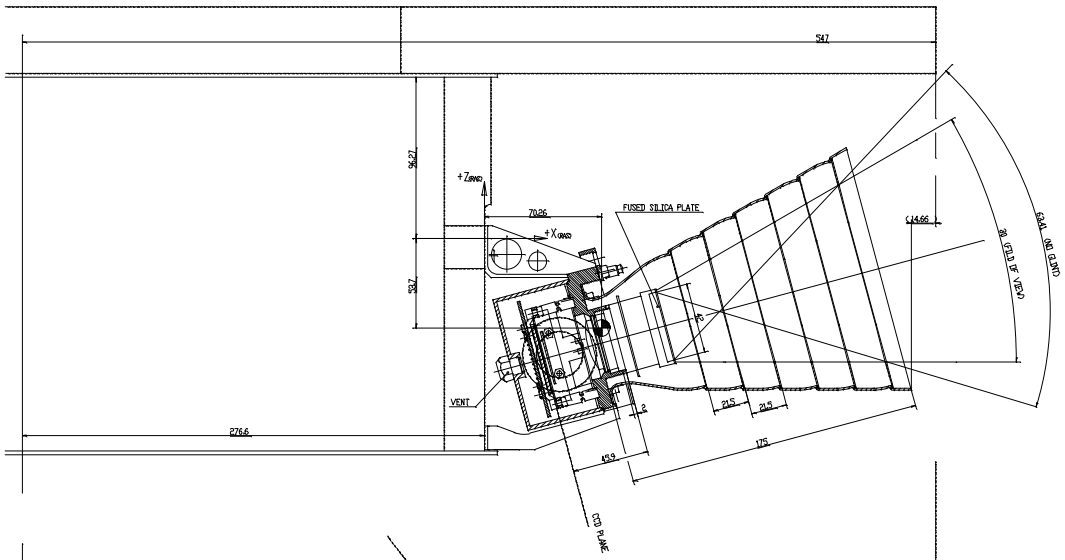
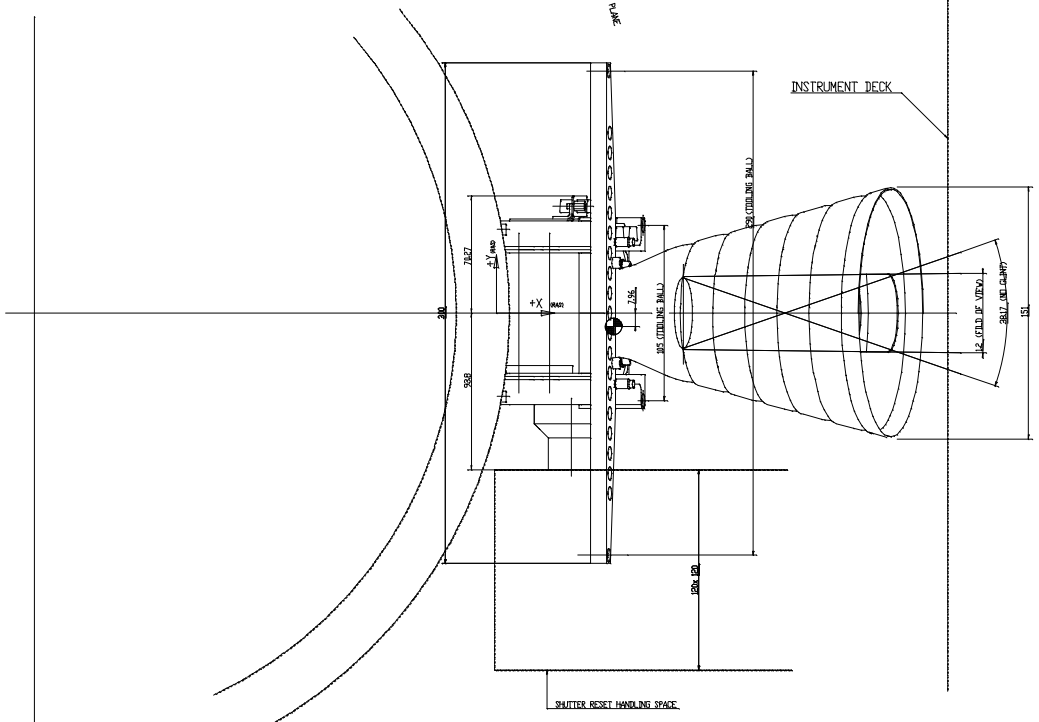
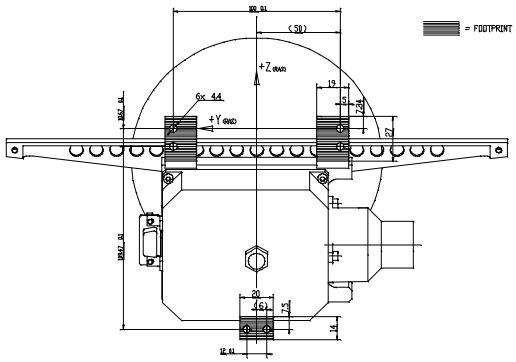
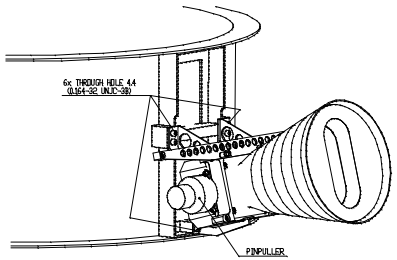
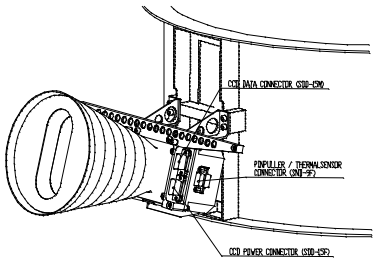




INTERFACE: CENTRAL CYLINDER / RAS







CENTER OF GRAVITY

INTERFACE CONTROL DRAWING NOTES:

1. MASS: 990 GR.
2. POWER: 1.50 WATTS
3a. TEMPERATURE: -20C to +20C (OPERATING)
-40C to +40C (SURVIVAL)
3b. THERMAL SURFACES: EXPOSED UPPER AND INNER SURFACES WILL BE COVERED WITH MLI BLANKETS. LOWER SURFACES WILL BE COVERED WITH SILVERIZED TEFLON TAPE. T.B.D. DRAWING WILL PROVIDE DETAILS.
4a. FIELDS OF VIEW & NO GLINT ZONE REQUIREMENTS: SEE DRAWING DETAIL.
4b. ALIGNMENT REQUIREMENTS: THE RAS TO IMAGER SAS ALIGNMENT MUST BE KNOWN AND STABLE TO LESS THAN TWO ARC MIN.
4c. FIDUCIAL REFS: TOOLING BALL SOCKETS ARE PROVIDED ON THE OUTER BOX FACE FOR THE SPACECRAFT ALIGNMENT MEASUREMENTS.
5. HANDLING RESTRICTIONS AND SAFTY PRECAUTIONS: THE RAS CONTAINS SENSITIVE OPTICS, MEANING HANDLE WITH CARE.
5.1 THE RAS-CCD CAN BE DESTROYED BY DIRECT SUNLIGHT. AVOID BRIGHT LIGHTS WHEN THE PROTECTIVE SHUTTER IS OPENED.
6. SPECIAL ENVIRONMENTAL CONSTRAINTS: NONE - T.B.C.
7. EMI/EMC/ESD/MAGNETIC SENSITIVITY: NONE.
8. RED/GREEN TAG ITEMS AND PROTECTIVE COVERS:
8.1 RAS BAFFLE WILL HAVE RED TAG PROTECTIVE COVER FOR HANDLING

Pos.	Änderungs-index / Modifikation	Datum	Name	Bemerkung / Merkmale
A	30-03-98 V.3H	A	04-03-99 V.3H	Gezeichnet 29-09-98 J. Wiehe
B	03-03-99 V.3H	B	.	Geprüft 29-09-98 J. Wiehe
C	05-03-99 V.3H	C	.	. .

Anlage: HESSI
Zeichnungsname: RAS (ROLL ANGLE SYSTEM)
Benennung: ICD DRAWING
Maßstab: 1:1
Blatt: 1/1
Zeichnungs-Nr.: 0-43.3.1005a
DATEV

Ausmaß zu	Ausmaß zu	Ausmaß in	Ausmaß zu
Darstellung der Schnittflächen gewandelt.	ANSI an ISO/R mit Rücksicht Zeichnung verschieden.	ISO-Zeichnung auf DIN-Blatt 0-43.3.1005 gebracht.	Einzelteile oder Baugruppe überarbeitet.