Sanitized Copy Approved for Release 2011/09/08 : CIA-RDP83-01074R000100560001-8

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

338A CAMERA SYSTEM TECHNICAL BOARD

25X1

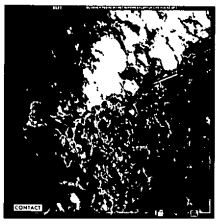
CONFIGURATION DATA

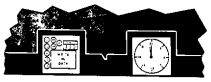
The unit is a medium resolution, high altitude, framing camera. Optics are mounted in a oblique head and lens cone which sweep an arc transverse to the line of flight in a fan type sequence. The camera uses a drawer type focal plane shutter. The curtain is driven at one speed across the format and it travels in opposite directions on successive frames. Effective shutter speed is varied by installing the appropriate slit in the curtain holder.

PHOTOGRAPHIC DATA

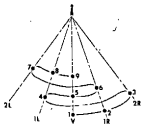
LENS	f/8
FOCAL LENGTH	24"
SHUTTER SPEED	1/500,1/1000,1/2000
IMAGE MOTION COMPENSATION	Rocking Camera
IMAGE MOTION COMPENSATION RATE (FIXED)	.012 rad/sec
GROUND RESOLUTION	2.5'
CYCLE RATE (MAXIMUM)	2.0 sec
EMULSION TYPE	3400 or 3401
FILM BASE	3.0 mil
FILM WIDTH	9.5"
FILM LOAD	1500'
FORMAT DIMENSIONS	9" x 9"
FRAMES/MISSION	2,000
FORWARD OVERLAP (VERTICAL)	60%
TRANSVERSE COVERAGE	24 NM
LINEAR COVERAGE/FRAME (VERTICAL)	4.3 NM
LINEAR COVERAGE/MISSION	725 NM
COVERAGE/MISSION	17,400 SQ. NM

NPIC #1841 (11/69)





DATA BLOCKS



POSITION MODE

SECRET

25X1

Sanitized Copy Approved for Release 2011/09/08 : CIA-RDP83-01074R000100560001-8