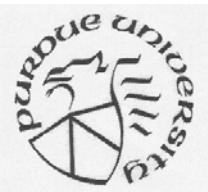


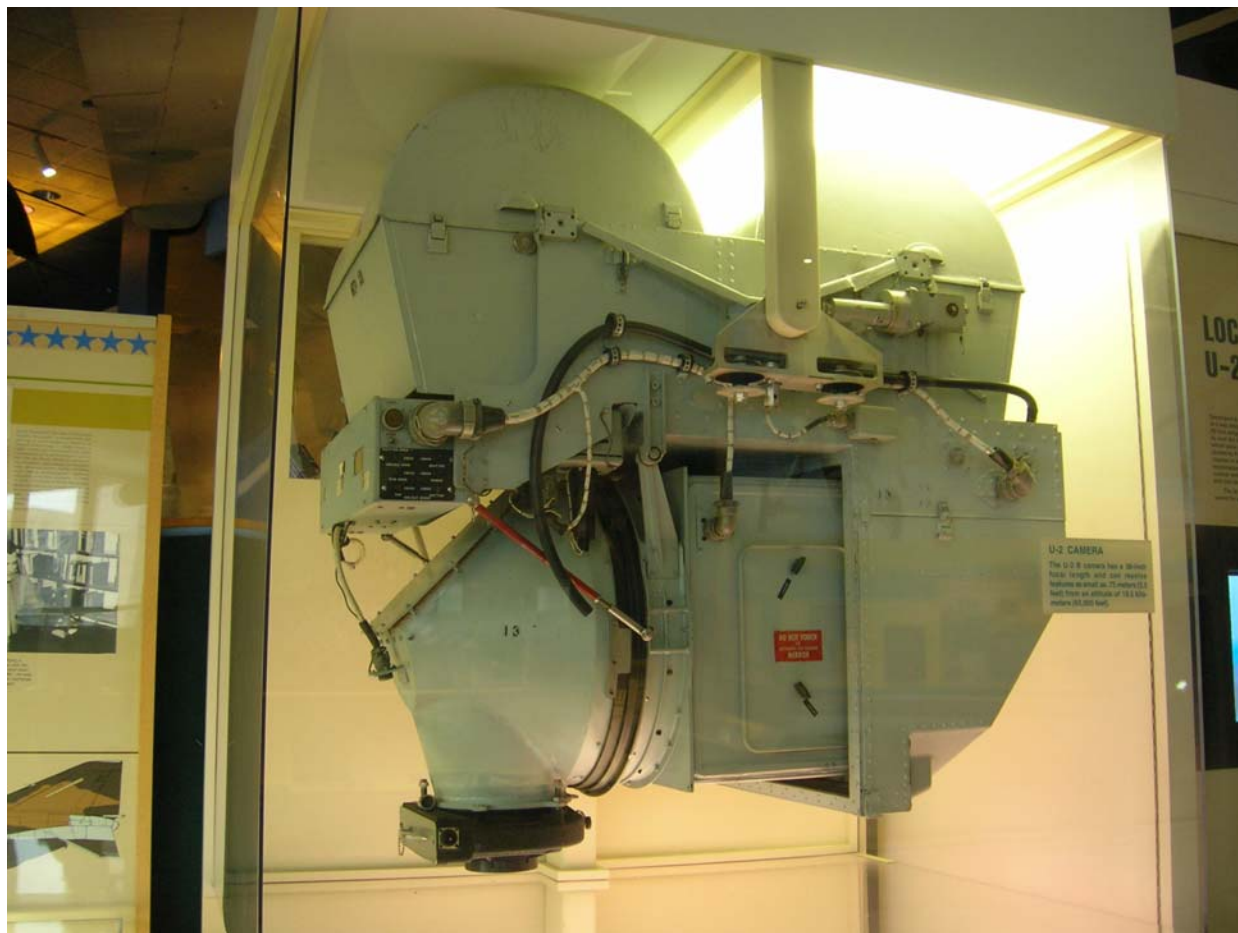


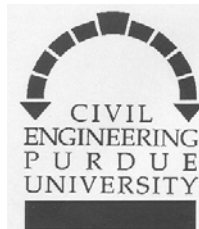
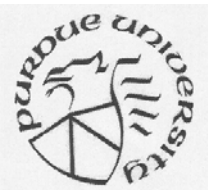
Cold War Era, High Altitude Photography from the U2



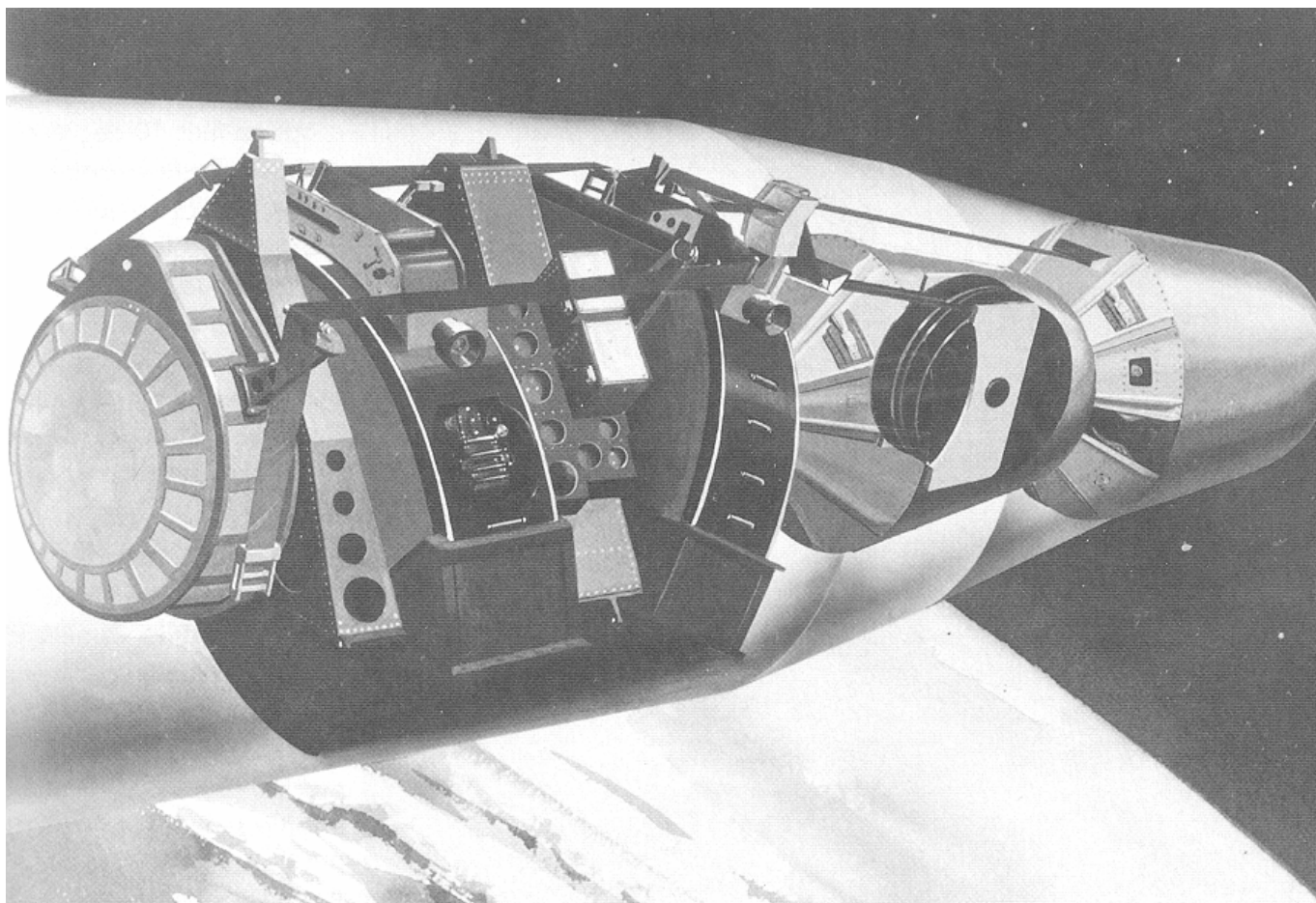


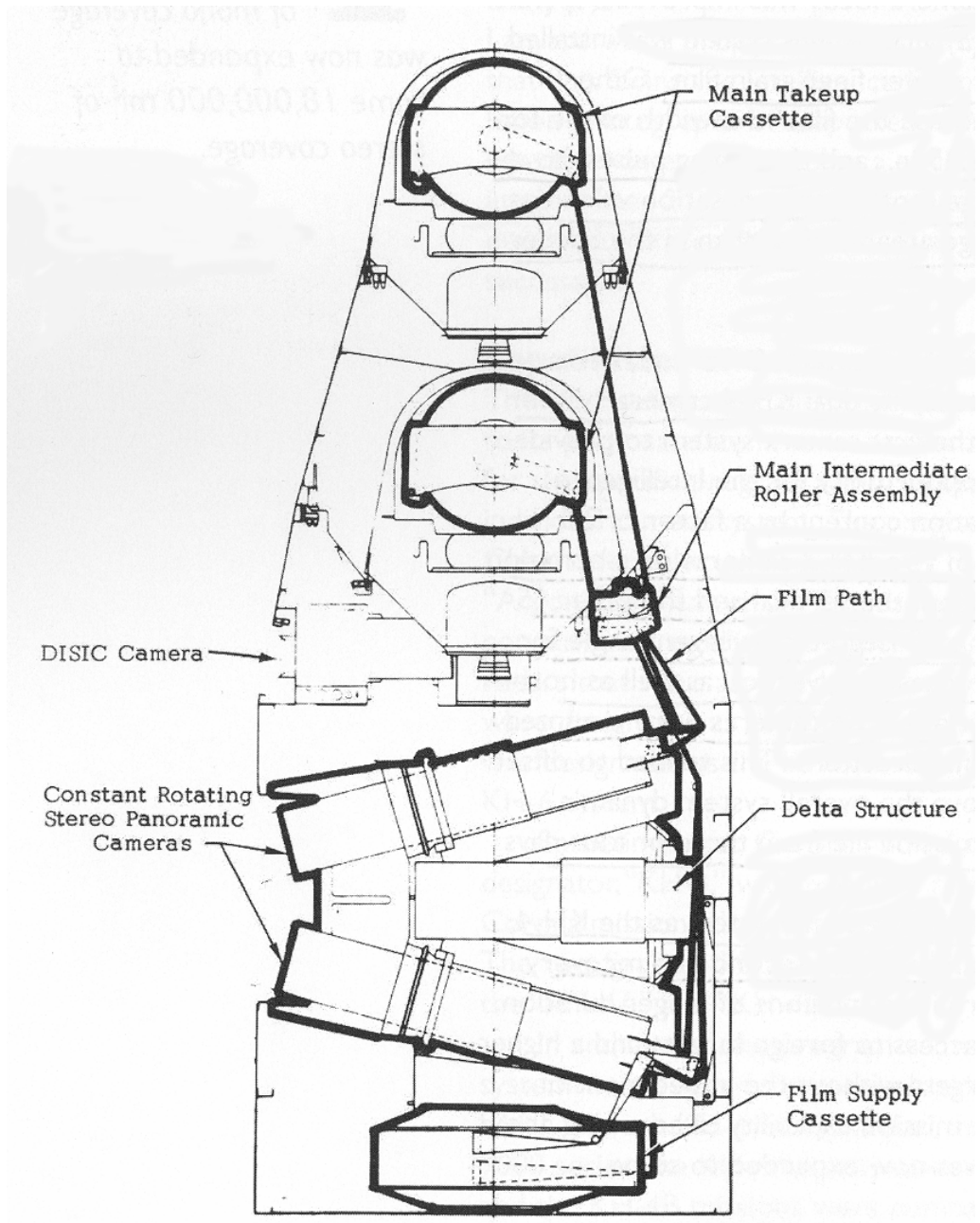
U-2 B Camera, $f=36\text{in.}$, 0.75m GSD, 19.5km , $65,000\text{ ft}$, A&SM





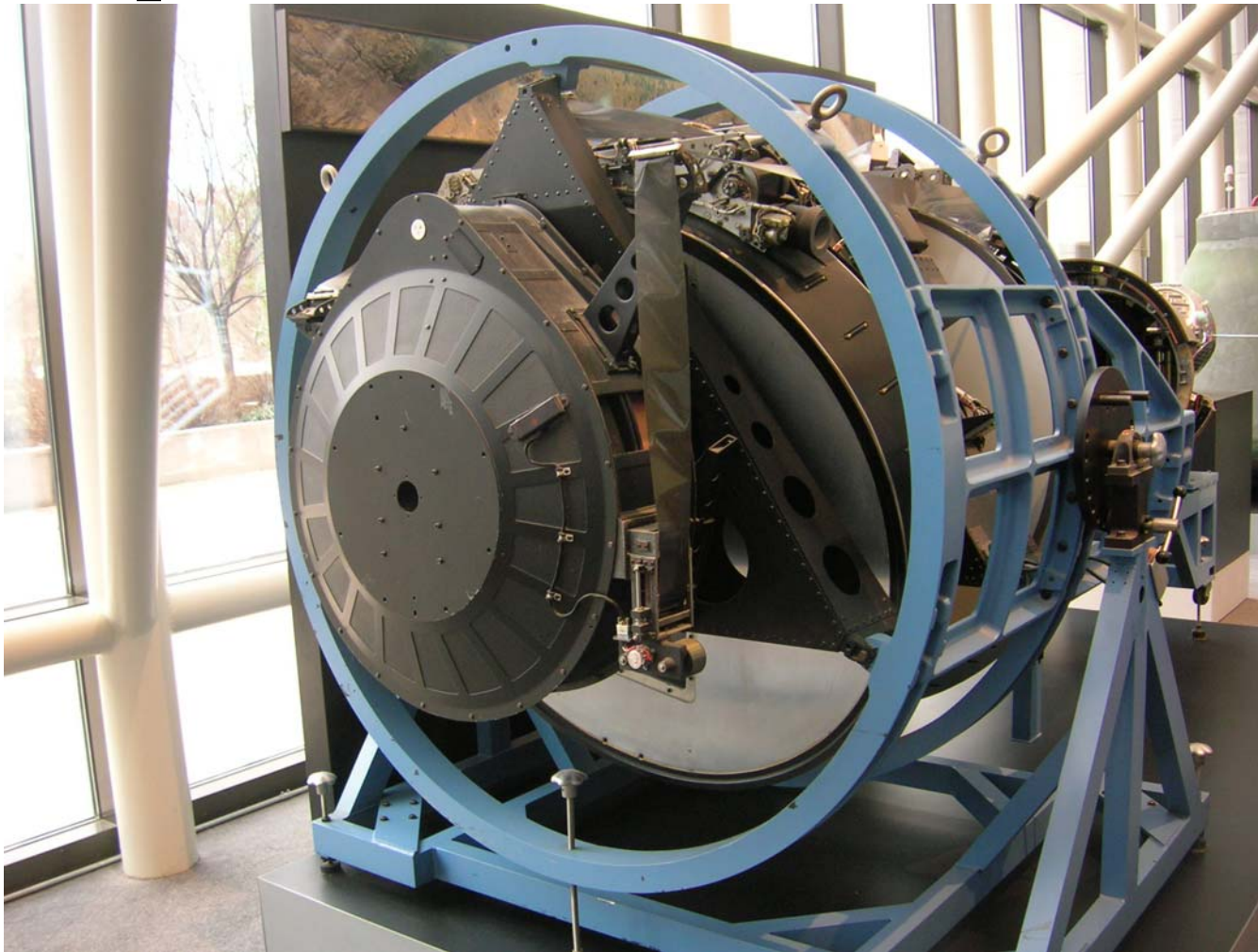
De-classified Data and Imagery from the Corona Program



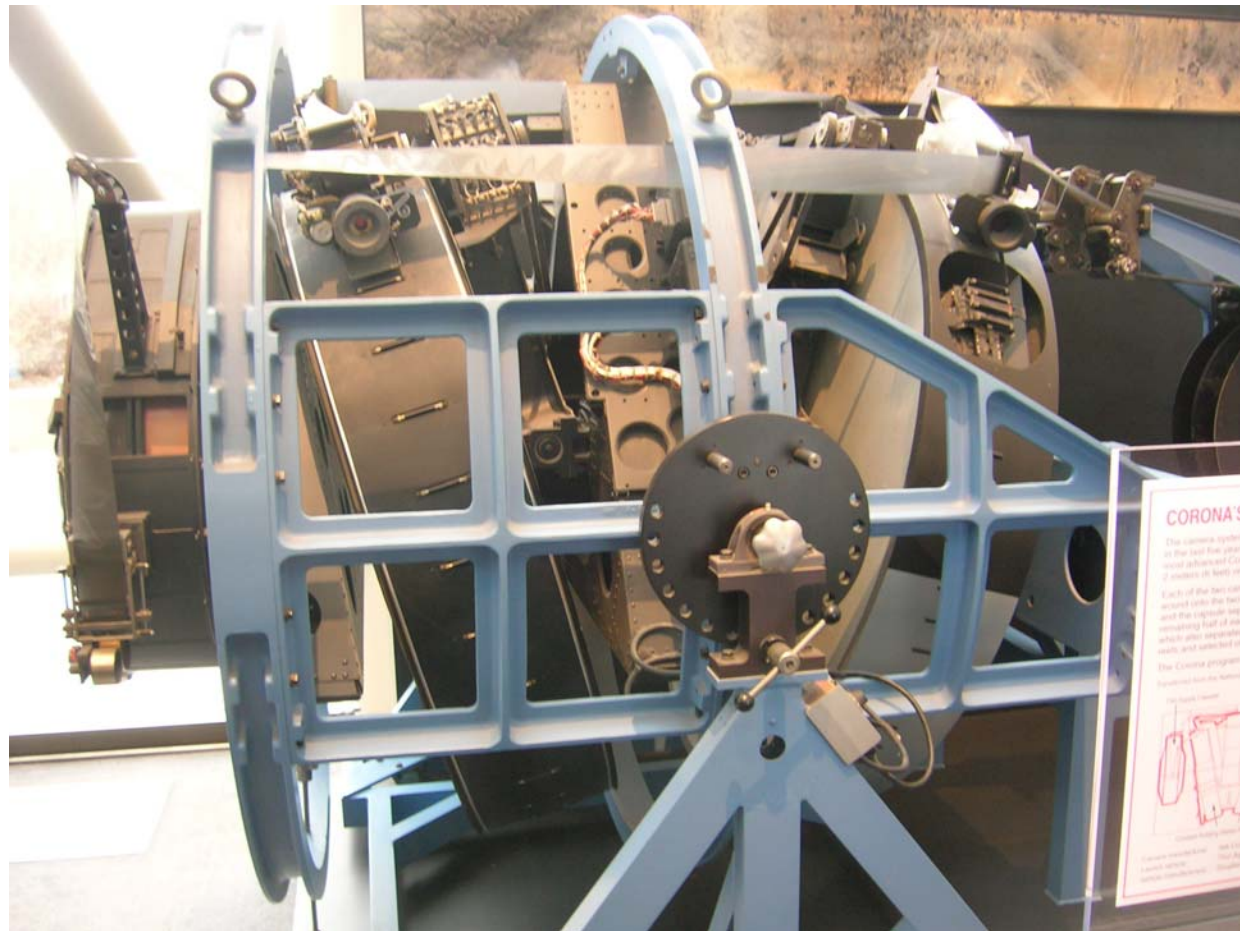


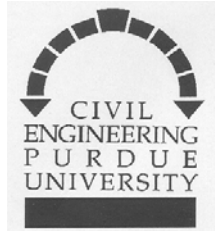


CORONA Camera, film supply spool, 70mm film, A&SM

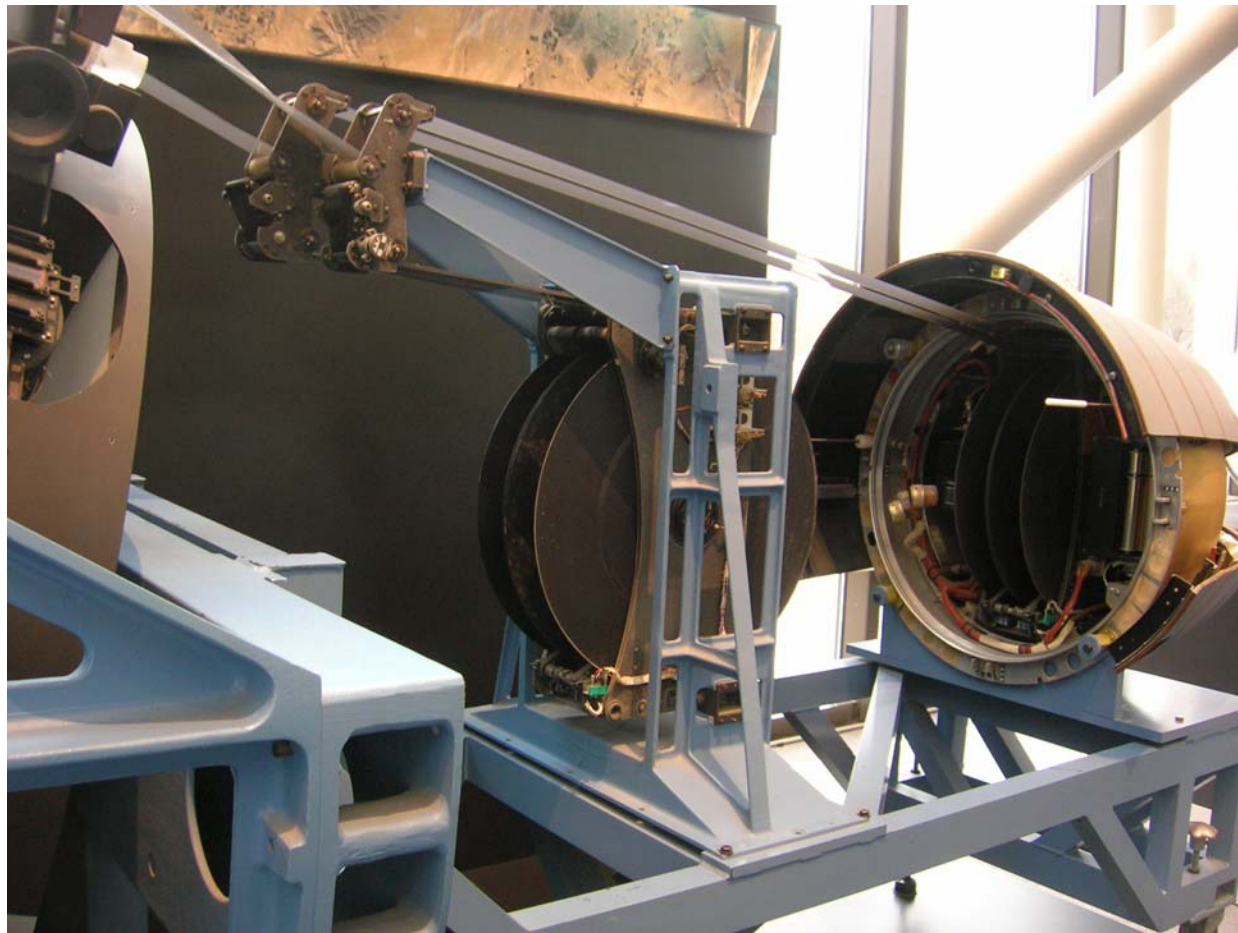


Fore and Aft Cameras

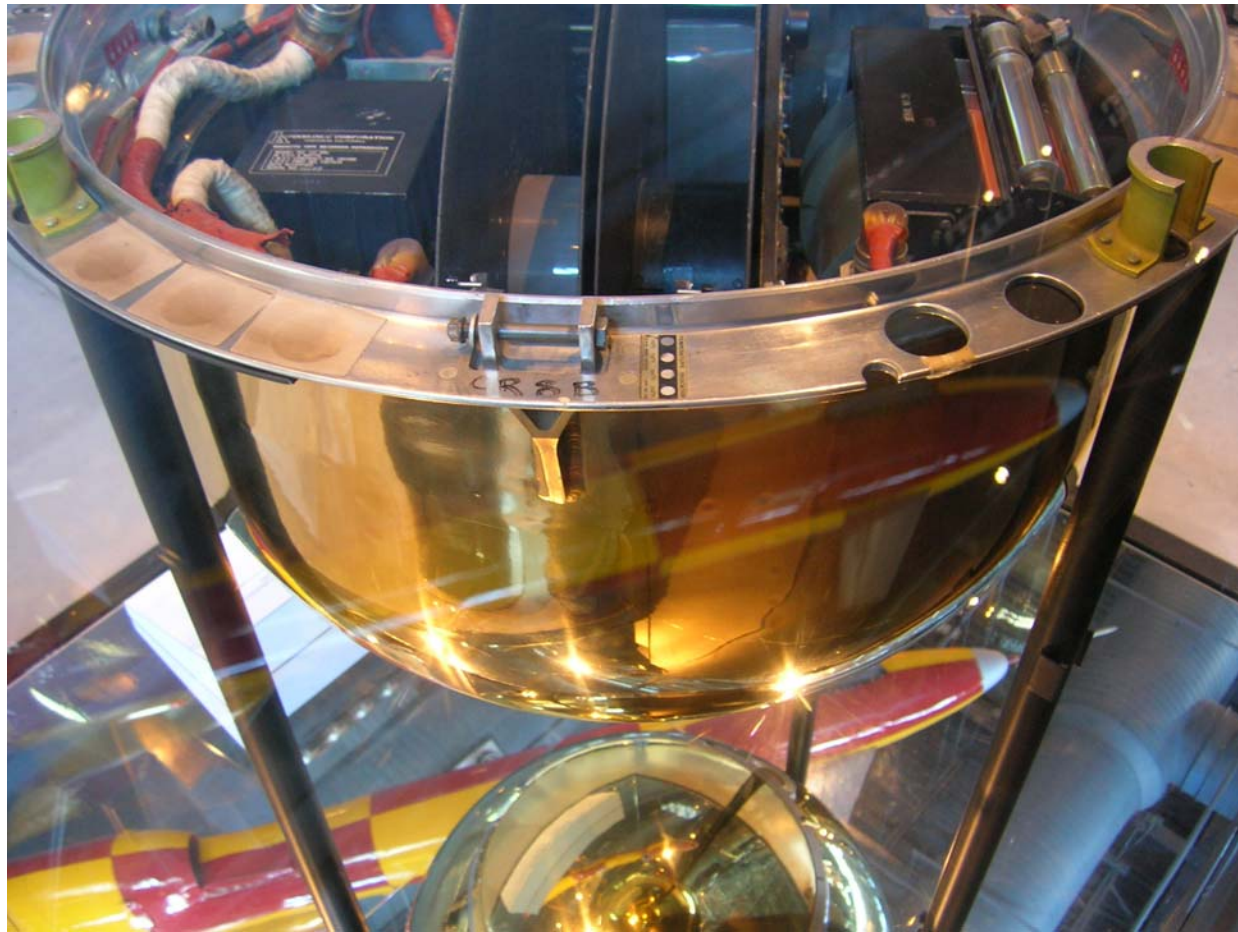




Film takeup spools & two separate return capsules

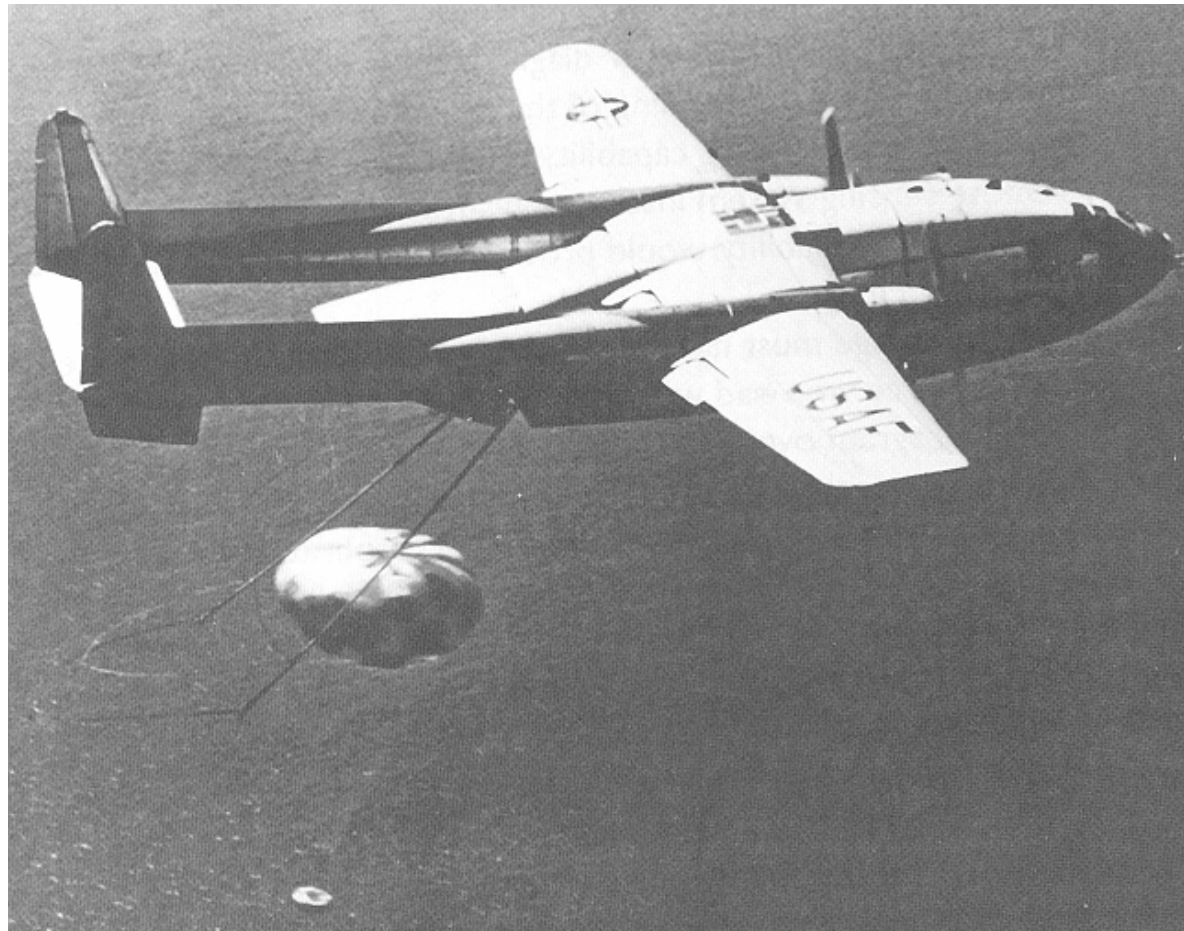


Corona film canister





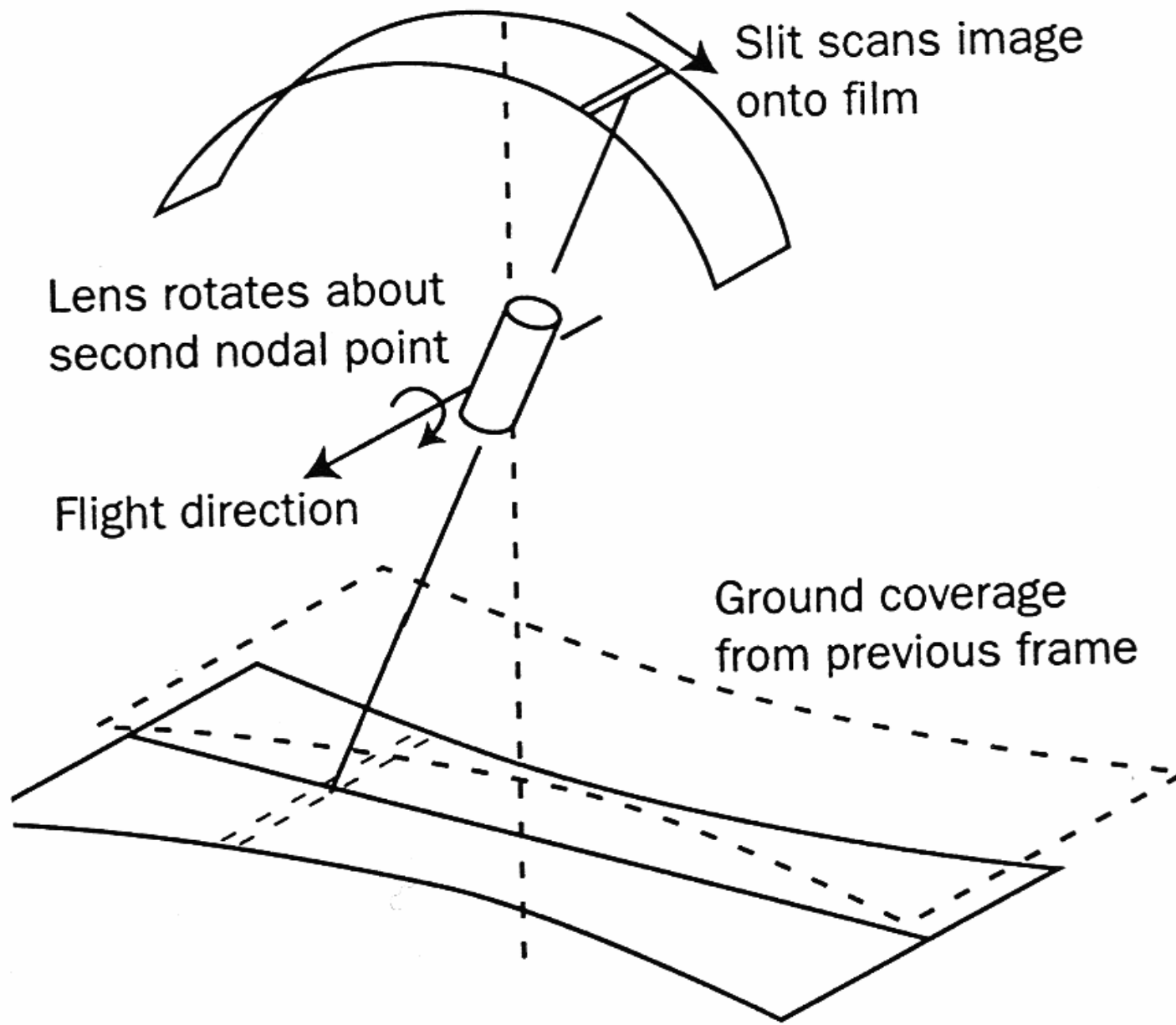
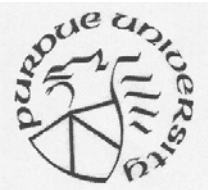
Recovery of Corona Film Canister after Return from Orbit





Recovery of Corona Film Canister After Return from Orbit



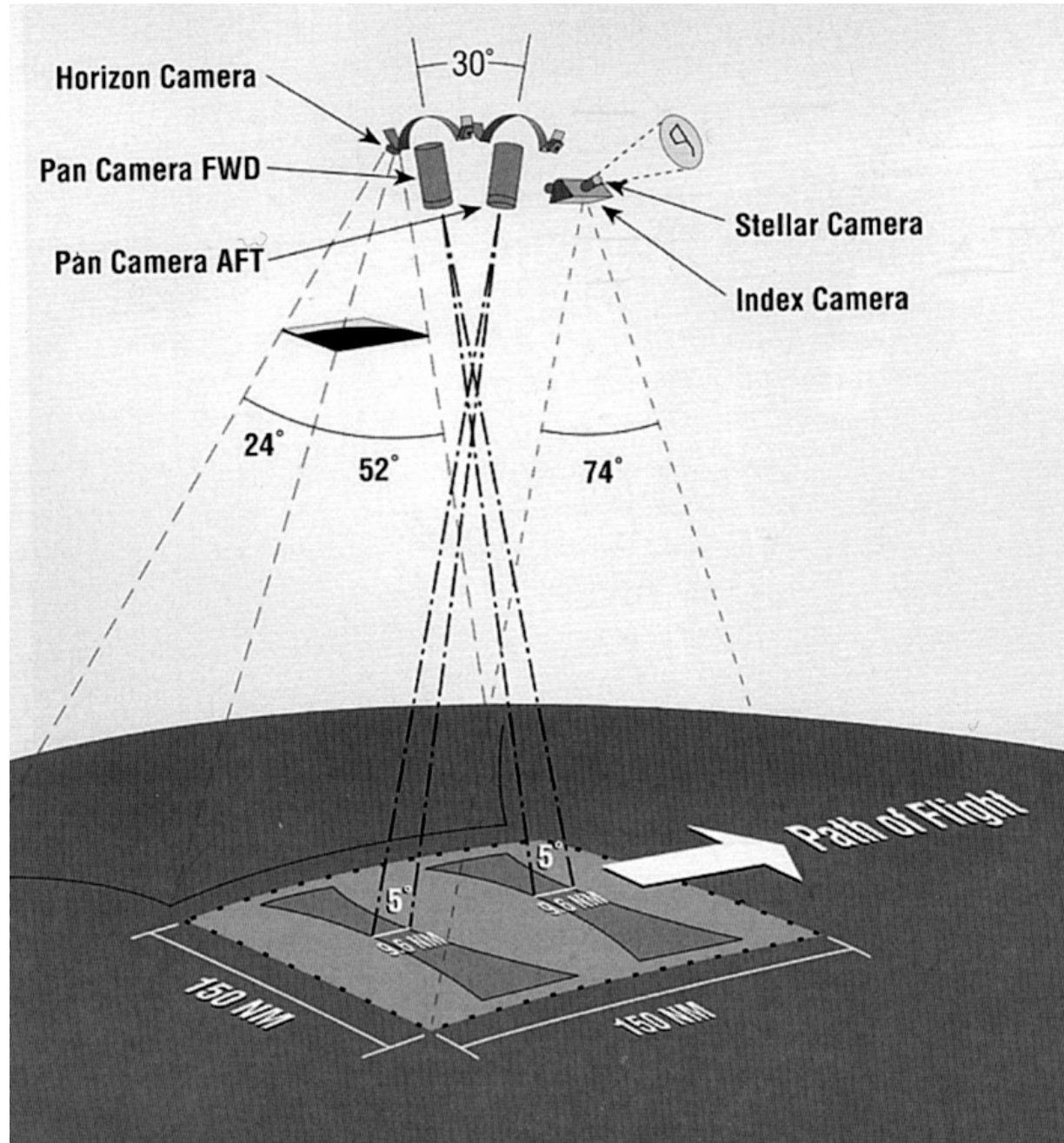


Lens rotates about second nodal point

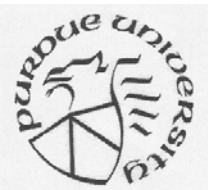
Slit scans image onto film

Flight direction

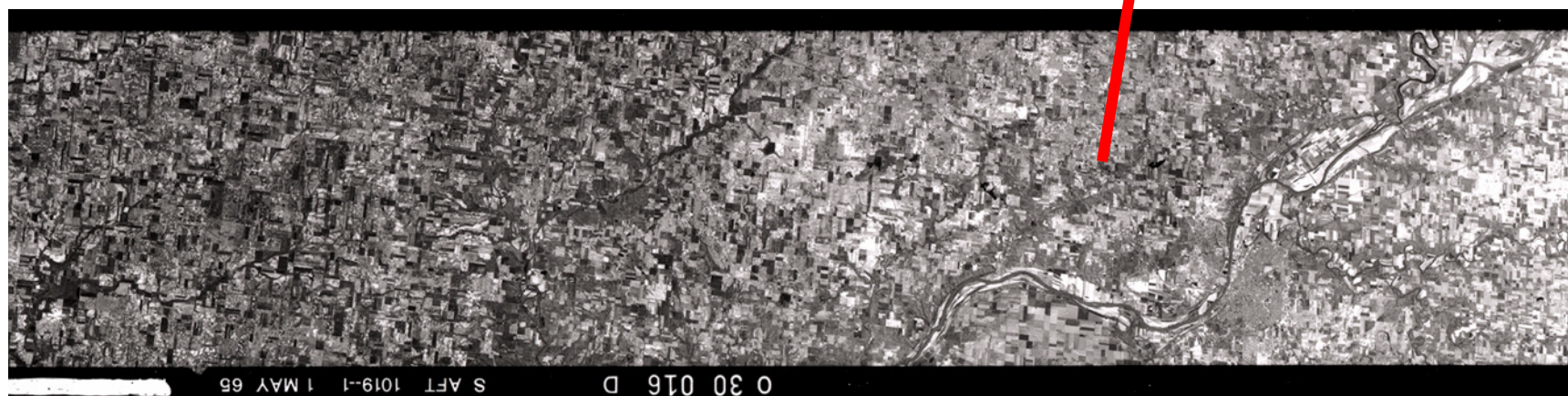
Ground coverage from previous frame



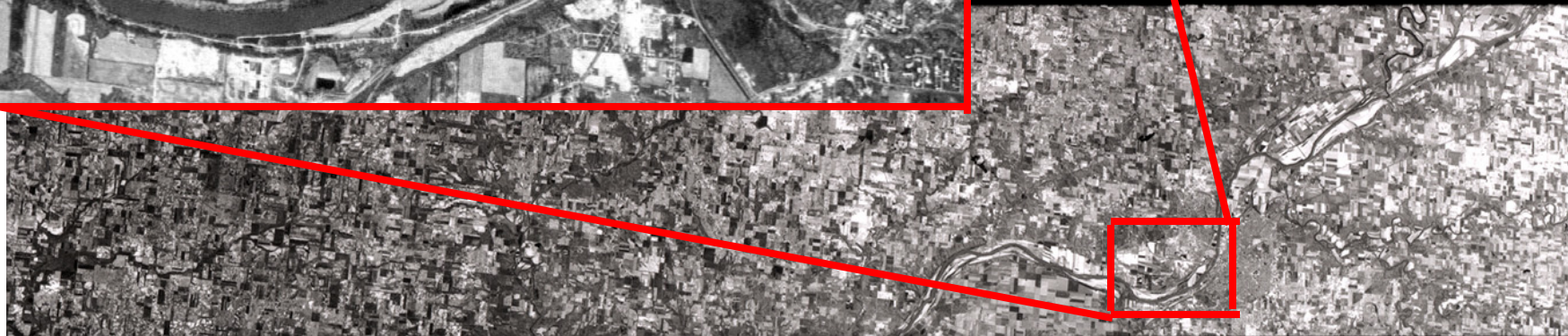
Geometry of Stereo Panoramic Collection



Sample Corona Image over Indiana (1965)



- Imagery is now archived and distributed by USGS in hardcopy form
- Panoramic Geometry, 2-4 meter resolution
- Wabash River and Lafayette visible above



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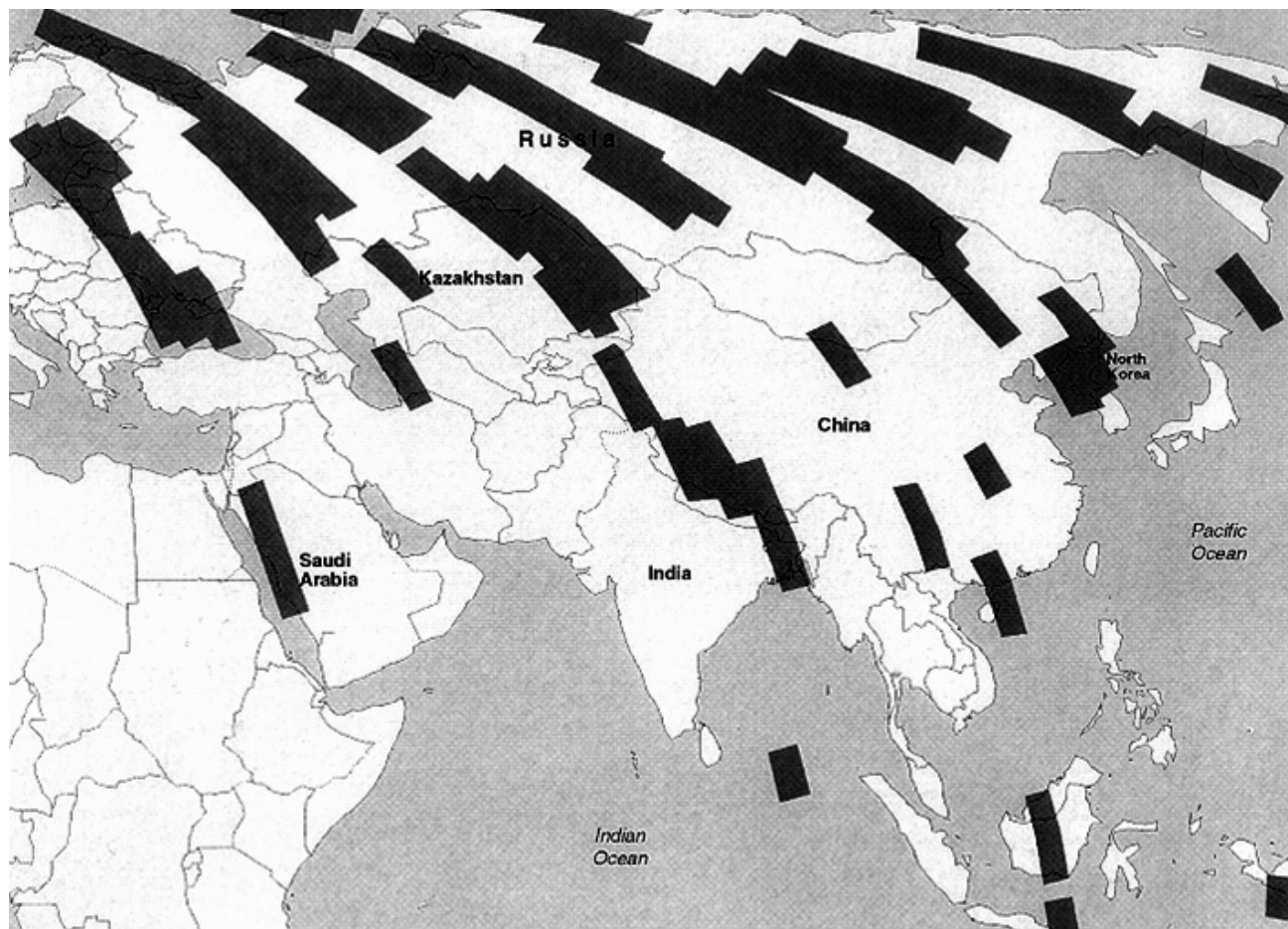
Corona 1965

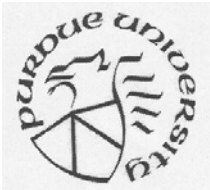


SPOT 1990

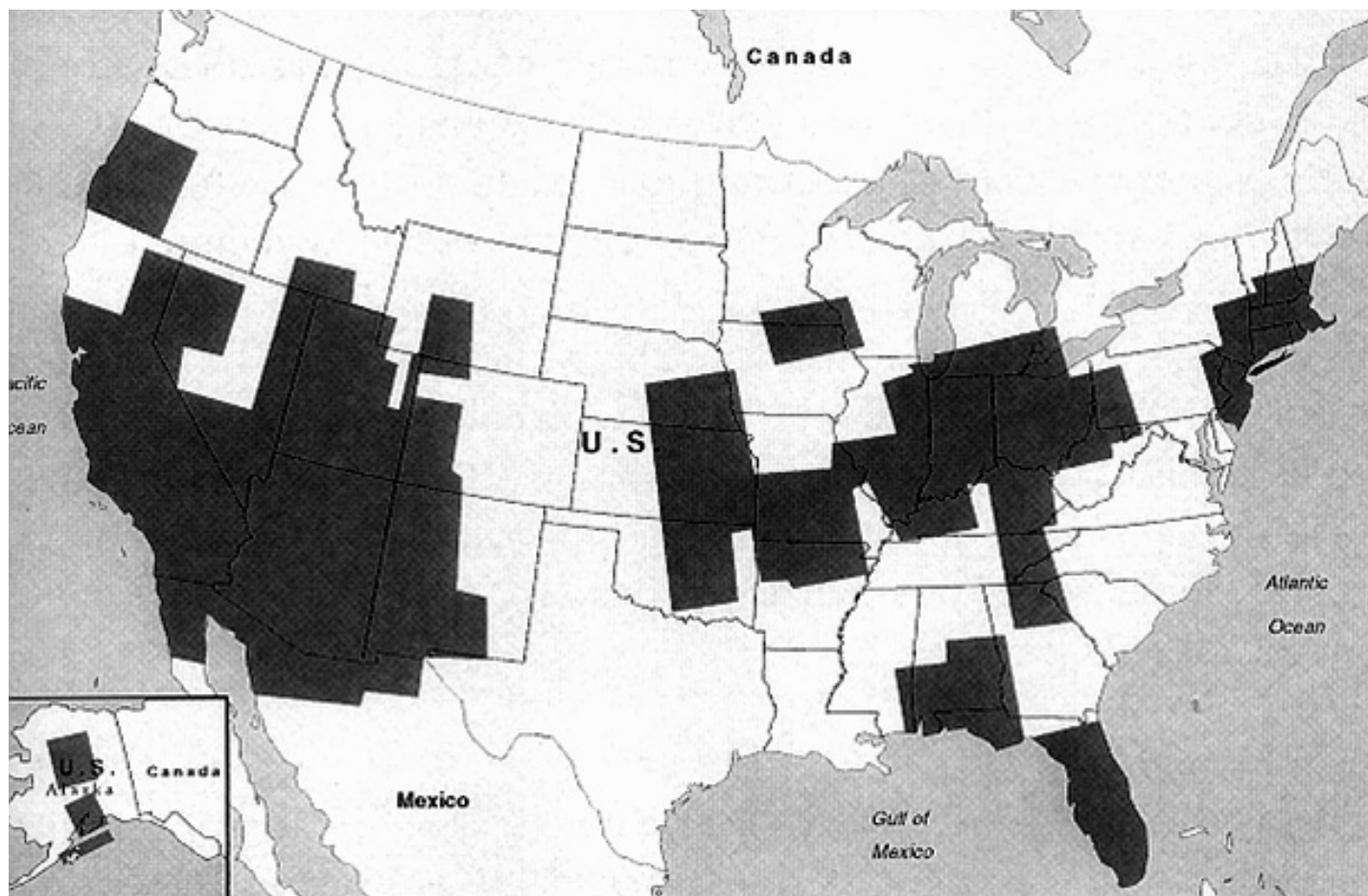


Typical Corona Mission over Eastern Europe and Asia



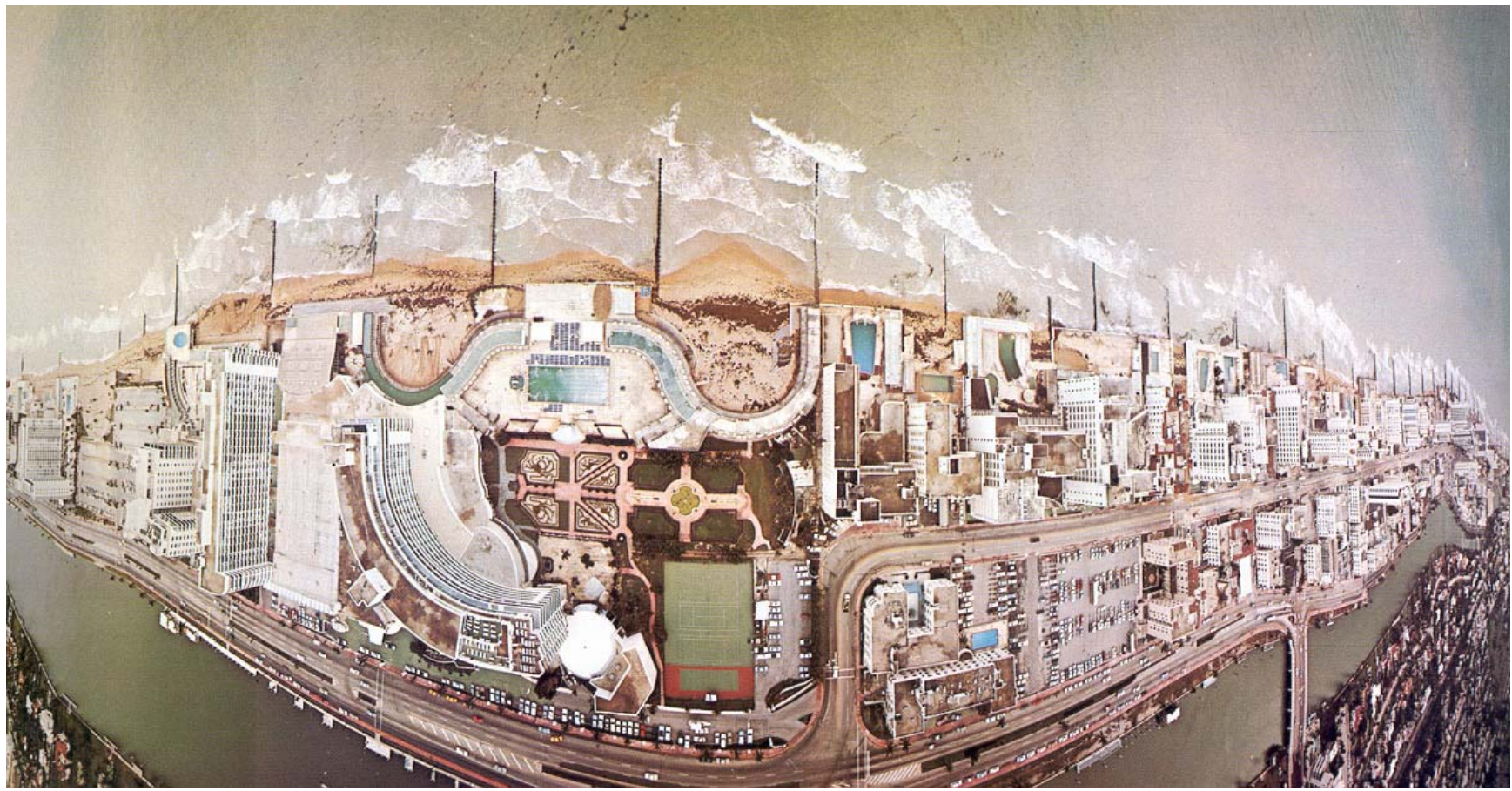


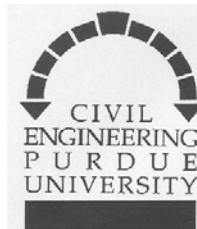
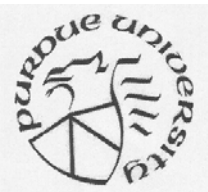
Sample Corona Coverage of the United States





Panoramic Geometry - Miami Beach





Panoramic Geometry - Manhattan & New York City Area

