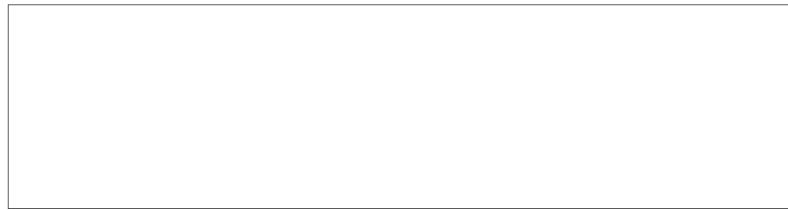


SIGINT MISSION 7159

Payload: P-102 GRP-1A - this payload covers two frequency spectrums, 130-650mc and 2500-3250mc. It accurately records emitter pulse and pulse train characteristics, and will locate radars within 150NM on a single intercept and within approximately plus or minus 25NM with multiple intercepts, when the emitter is approximately at the nadir of the payload.

Objectives:

1. To provide detailed signal characteristic recordings for analysis of pulse and FM emitters of frequencies and in areas as specified in requirement directives.
2. The objective is to satisfy the Electronic Order of Battle Satellite SIGINT collection requirements which lie within the payload design capability; of particular interest are those emitters which operate in the frequency bands listed below:



(b)(1)  
(b)(3)

Frequency Coverage: 150-650mc, 2500-3250mc. scanning superhetrodyne receivers.

Processor: SAC/NSA

Scheduled Launch Date: July 1965

Number of Programmed Collection Orbits: 250

Total Programmed Hours of Intercept: 30

Type of Output: Recorded analog approximately 3 mc BW.

*M. S. J.*

*70 74*

*TOP SECRET*

*BYE 36374-65*