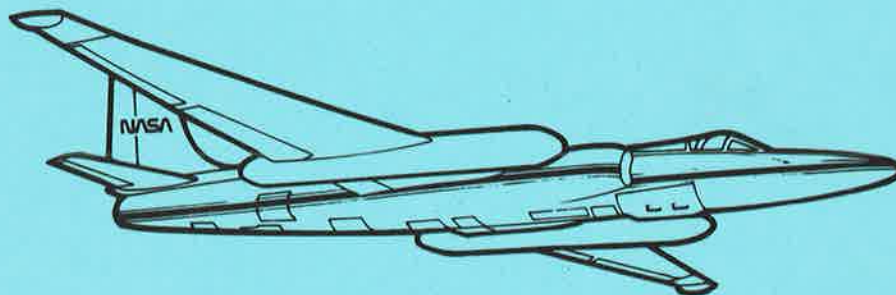
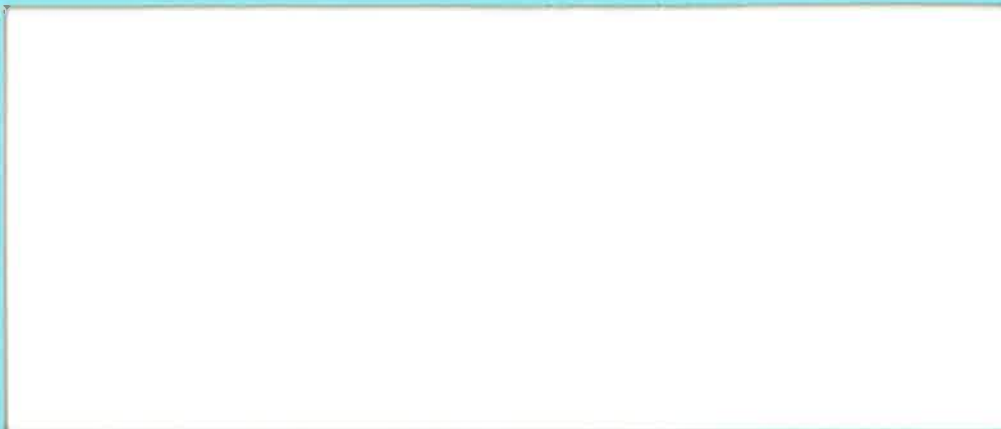


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**SCIENCE AND APPLICATIONS AIRCRAFT DIVISION  
AIRBORNE SCIENCE AND APPLICATIONS PROGRAM**



**ER-2  
FLIGHT SUMMARY REPORT**

**NASA**

National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field, California 94035-1000

**Aircraft Data Facility  
NASA-Ames Research Center  
Mail Stop 240-6  
Moffett Field, California 94035-1000  
(415) 604-6252 • FTS 464-6252**

# FLIGHT SUMMARY REPORT

**Flight #:** 90-118  
**Date:** 27 July 1990  
**Sensor Package:** Wild-Heerbrug RC-10  
Thematic Mapper Simulator (TMS)  
**Area(s) Covered:** Southern California  
Channel Islands

**Investigator(s):** Yoha, Dept. of Conservation  
**Flight Request:** 90R255

**Aircraft #:** 706  
**Julian Date:** 208

## SENSOR DATA

<b>Accession #:</b>	04079	-----
<b>Sensor ID #:</b>	076	101
<b>Sensor Type:</b>	RC-10	TMS
<b>Focal Length:</b>	12" 304.89 mm	-----
<b>Film Type:</b>	High Definition Aerochrome IR SO-131	-----
<b>Filtration:</b>	cc.10B	-----
<b>Spectral Band:</b>	510-900 nm	-----
<b>f Stop:</b>	4	-----
<b>Shutter Speed:</b>	1/150	-----
<b># of Frames:</b>	229	-----
<b>% Overlap:</b>	60	-----
<b>Quality:</b>	Excellent	Good
<b>Remarks:</b>		

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 90-118**

Accession # 04079

Sensor # 076

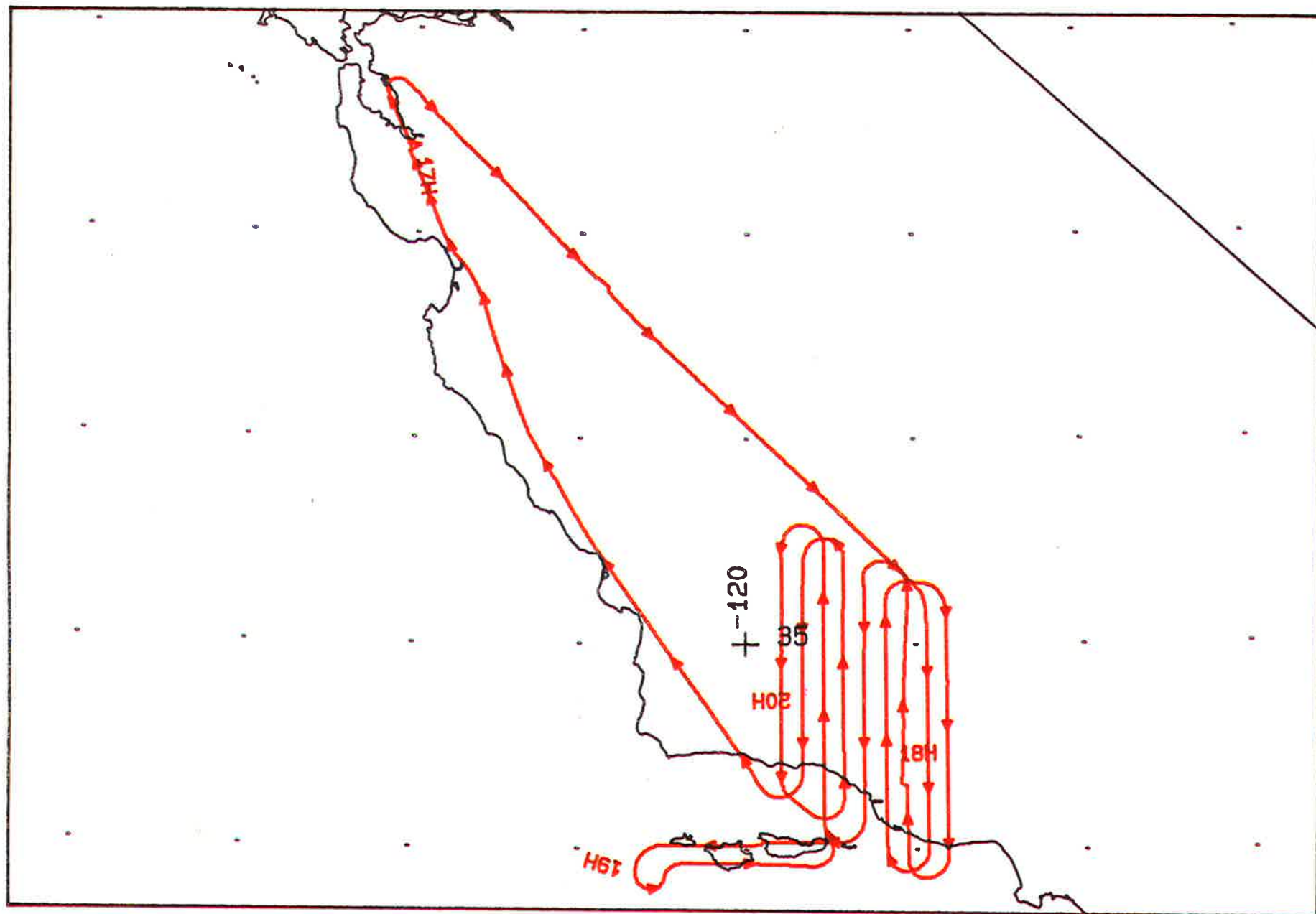
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3194-3215	17:43:38	17:53:13	65000/19800	Clear
C - D	3216-3237	17:56:57	18:06:31	"	Minor strato cumulus (frame 3216)
E - F	3238-3260	18:11:36	18:21:35	"	Clear
G - H	3261-3283	18:25:22	18:35:20	"	10% strato cumulus (frames 3261-3262)
I - J	3284-3307	18:39:29	18:49:25	"	10% strato cumulus (frames 3303-3305); Minor strato cumulus (frame 3307)
K - L	3308-3323	18:51:42	18:58:20	"	Minor-10% strato cumulus (frames 3308-3309); 10-70% strato cumulus (frames 3318-3323)
M - N	3324-3336	19:04:13	19:09:26	"	10-20% strato cumulus (frames 3324-3327)
O - P	3337-3357	19:14:01	19:22:58	"	10-30% strato cumulus (frames 3333-3336)
Q - R	3358-3379	19:27:09	19:36:34	"	Clear
S - T	3380-3400	19:41:47	19:50:42	"	Clear
U - V	3401-3422	19:54:36	20:03:32	"	Clear

# SCANNER FLIGHT LINE DATA

## FLIGHT NO. 90-118

### DAEDALUS FLIGHT DATA FLIGHT NUMBER: 90-118

Check Points	A c t u a l t i m e (GMT)		A c t u a l s c a n l i n e		Altitude feet/meter	Scan Speed (rps)	total G o o d s c a n l i n e s	total I n t e r p o l a t e d s c a n l i n e s	total R e p e a t e d s c a n l i n e s
	b e g i n	e n d	b e g i n	e n d					
A-B	17:43:36.0	17:53:13.0	31885	37803	65000/19812	12.50	5910	0	9
C-D	17:56:55.0	18:06:36.0	40077	46043	65000/19812	12.50	5959	0	8
E-F	18:11:34.0	18:21:27.0	49096	55184	65000/19812	12.50	6068	0	21
G-H	18:25:20.0	18:35:13.0	57572	63665	65000/19812	12.50	6088	0	6
I-J	18:39:27.0	18:49:13.0	66270	72296	65000/19812	12.50	6015	0	12
K-L	18:51:40.0	18:58:11.0	73799	77824	65000/19812	12.50	4020	0	6
M-N	19:04:11.0	19:09:25.0	81519	84747	65000/19812	12.50	3222	0	7
O-P	19:13:59.0	19:22:57.0	87560	93098	65000/19812	12.50	5528	0	11
Q-R	19:27: 6.0	19:36:40.0	95657	101557	65000/19812	12.50	5889	0	12
S-T	19:41:44.0	19:50:43.0	104685	110226	65000/19812	12.50	5534	0	8
U-V	19:54:34.0	20:03:19.0	112595	117997	65000/19812	12.50	5368	0	35



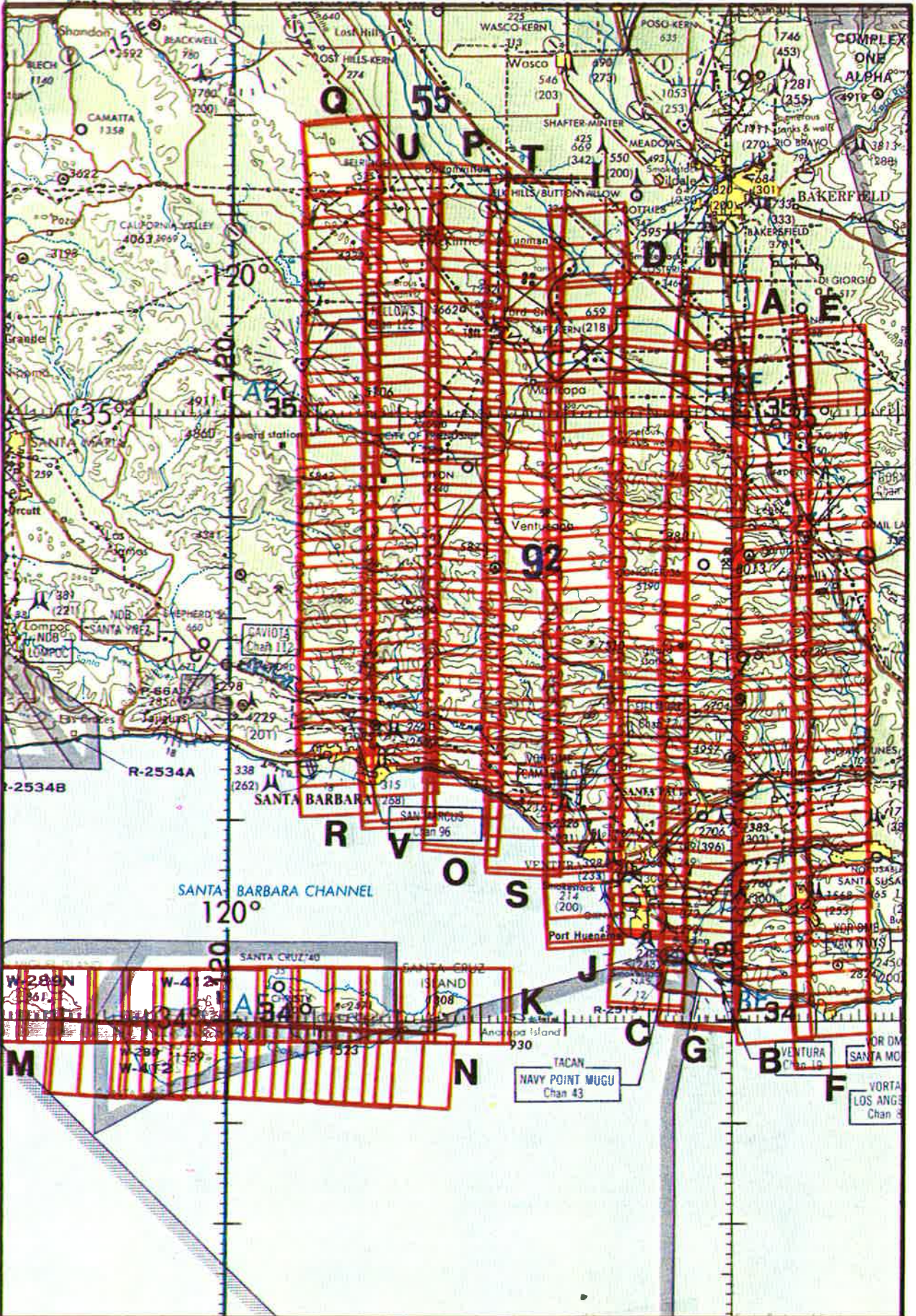
FLIGHT 90-118

27 July 1990

A/C 706

TMS / RC-10

Central California



ONC 6-18

Accession # 04079

TMS / RC-10

27 July 1990

FLIGHT 90-118