

FLIGHT SUMMARY REPORT

Flight Number: 94-015
Calendar/Julian Date: 05 December 1993 • 339
Sensor Package: Wild-Heerbrug RC-10
Dual Hycon HR-732
Airborne Ocean Color Imager (AOCI)
Thermal Infrared Multispectral Scanner (TIMS)
Area(s) Covered: Puerto Rico and Virgin Islands
Investigator(s): Joyce, NASA-Stennis; Handley, USFWS; and
Guse, USPS
Aircraft #: 708

SENSOR DATA

Accession #:	04656	04657	04658
Sensor ID #:	076	020	039
Sensor Type:	RC-10	HR-732	HR-732
Focal Length:	12" 304.89 mm	24" 609.6 mm	24" 609.6 mm
Film Type:	High Definition Aerochrome IR SO-131	Aerial Color SO-242	High Definition Aerochrome IR SO-131
Filtration:	None	None	None
Spectral Band:	510-900 nm	510-900 nm	400-700 nm
f Stop:	4	8	8
Shutter Speed:	1/200	1/75	1/75
# of Frames:	92	174	174
% Overlap:	60	60	60
Quality:	Excellent	Excellent	Excellent
Remarks:			

FLIGHT SUMMARY REPORT

94-015

SENSOR DATA continued

Accession #:	-----	-----
Sensor ID #:	090	086
Sensor Type:	AOCI	TIMS
Focal Length:	-----	-----
Film Type:	-----	-----
Filtration:	-----	-----
Spectral Band:	-----	-----
f Stop:	-----	-----
Shutter Speed:	-----	-----
# of Frames:	-----	-----
% Overlap:	-----	-----
Quality:	Excellent	Good
Remarks:		

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 94-015**

Accession # 04656
Sensor # 076

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	9667-9672	14:17:06	14:19:32	65000/19800	Minor cumulus (frames 9669-9672)
C - D	9673-9683	14:24:19	14:29:20	"	10-20% cumulus (frames 9673-9683)
E - F	9684-9703	14:33:54	14:42:50	"	Clear
G - H	9704-9726	14:47:13	14:57:50	"	10-20% cumulus (frames 9704-9712); minor cumulus (frames 9714-9721)
I - J	9727-9747	15:02:40	15:12:17	"	10-20% cumulus (frames 9731-9742); minor cumulus (frames 9743-9747)
K - L	9748-9750	15:21:05	15:22:03	"	10% scattered cumulus
M - N	9751-9754	15:29:06	15:30:13	"	10% cumulus (frames 9752-9754)
O - P	9755-9758	15:36:19	15:37:31	"	20-50% scattered cumulus (frames 9755-9758); minor cumulus (frames 9757-9758)

NOTE: FLIGHT TIMES TAKEN FROM 9X18 SENSOR #20

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 94-015**

Accession # 04657

Sensor # 020

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0001-0011	14:17:06	14:19:32	65000/19800	Minor cumulus (frames 0005-0009)
C - D	0012-0033	14:24:14	14:29:20	"	10% cumulus (frames 0022-0033)
E - F	0034-0071	14:33:54	14:42:50	"	Clear
G - H	0072-0116	14:47:13	14:57:50	"	10-20% cumulus (frames 0072-0087); minor cumulus (frames 0094-0103 and 0114-0116)
I - J	0117-0157	15:02:40	15:12:17	"	10-20% cumulus (frames 0125-0145); minor cumulus (frames 0150-0157)
K - L	0158-0162	15:21:05	15:22:03	"	Minor cumulus
M - N	0163-0168	15:29:06	15:30:13	"	Minor cumulus (frames 0165-0168)
O - P	0169-0174	15:36:19	15:37:31	"	20-40% cumulus (frames 0169-0171); minor cumulus (frames 0171-0172); emulsion stain (frame 0174)

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 94-015**

Accession # 04658

Sensor # 039

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0001-0011	14:17:07	14:19:33	65000/19800	Minor cumulus (frames 0005-0009)
C - D	0012-0033	14:24:16	14:29:21	"	10% cumulus (frames 0022-0033)
E - F	0034-0071	14:33:55	14:42:52	"	Clear
G - H	0072-0116	14:47:14	14:57:51	"	10-20% cumulus (frames 0072-0087); minor cumulus (frames 0094-0103 and 0114-0116)
I - J	0117-0157	15:02:41	15:12:19	"	10-20% cumulus (frames 0125-0145); minor cumulus (frames 0150-0157)
K - L	0158-0162	15:21:07	15:22:04	"	Minor cumulus
M - N	0163-0168	15:29:08	15:30:19	"	Minor cumulus (frames 0165-0168)
O - P	0169-0174	15:36:20	15:37:32	"	20-40% cumulus (frames 0169-0171); minor cumulus (frames 0171-0172)

AOCI SCANNER FLIGHT LINE DATA

FLIGHT NO. 94-015

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 94-015

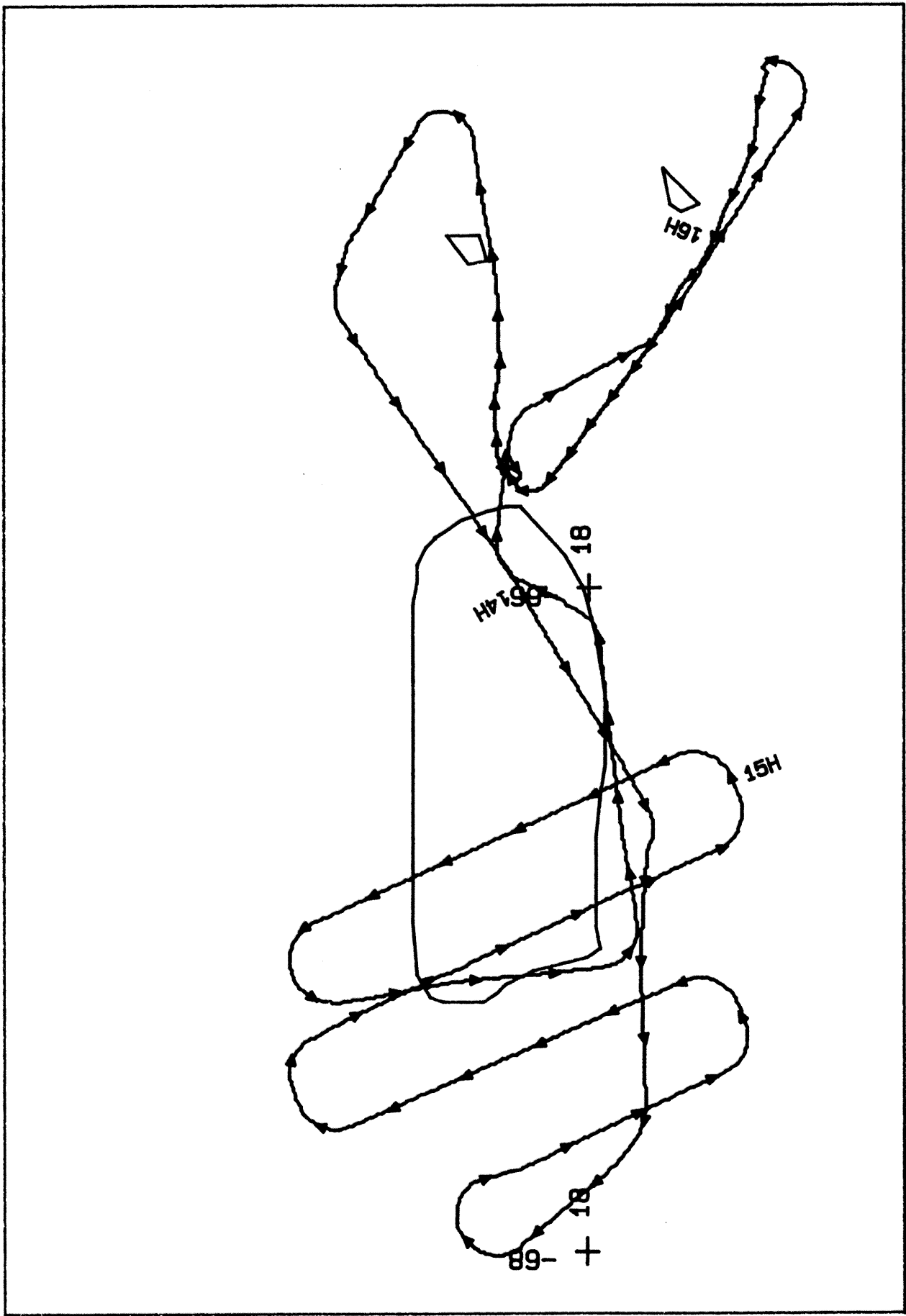
Check Points	A c t u a l t i m e (GMT) b e g i n e n d	A c t u a l s c a n l i n e b e g i n e n d	A l t i t u d e f e e t / m e t e r	S c a n S p e e d (r p s)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	14:17: 8.0 14:19:22.0	19023 19815	65000/19812	6.25	793	0	0
C-D	14:24:41.0 14:29:43.0	21696 23478	65000/19812	6.25	1777	0	6
E-F	14:33:55.0 14:42:52.0	24963 28131	65000/19812	6.25	3153	0	16
G-H	14:47:10.0 14:58: 3.0	29616 33477	65000/19812	6.25	3858	0	4
I-J	15:02:32.0 15:12:18.0	35061 38526	65000/19812	6.25	3466	0	0
K-L	15:20:58.0 15:21:48.0	41595 41892	65000/19812	6.25	298	0	0
M-N	15:29: 4.0 15:30:45.0	44466 45060	65000/19812	6.25	595	0	0
O-P	15:36:20.0 15:37:44.0	47040 47535	65000/19812	6.25	496	0	0

TIMS SCANNER FLIGHT LINE DATA

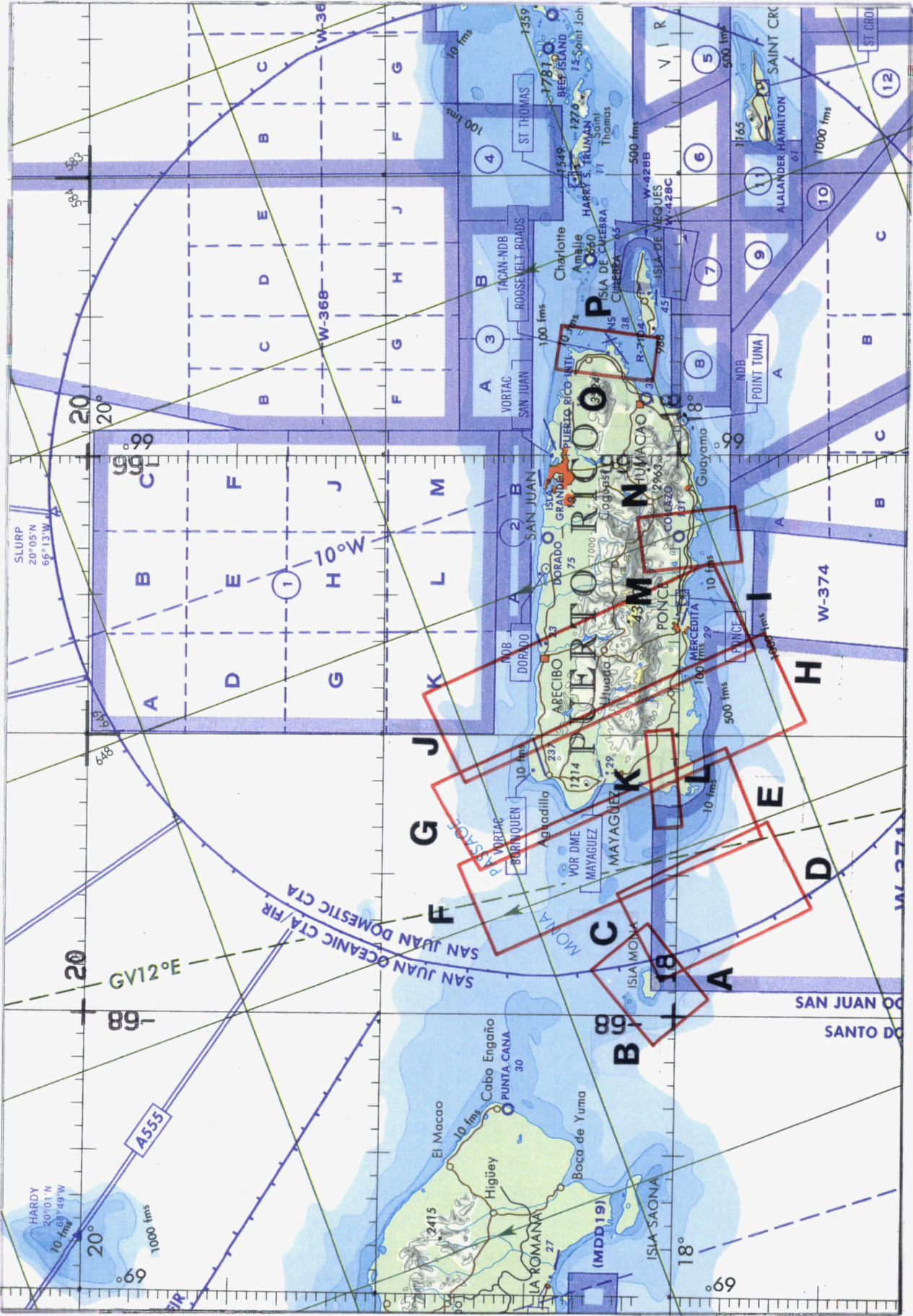
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TIMS FLIGHT DATA
FLIGHT NUMBER: 94-015

Check Points	A c t u a l t i m e b e g i n	(GMT).	A c t u a l s c a n l i n e b e g i n	e n d	A l t i t u d e f e e t / m e t e r	S c a n S p e e d (rps)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	14:17:04.0	14:19:19.0	23857	24847	65000/19812	7.30	991	0	0
C-D	14:24:44.0	14:29:42.0	27223	29401	65000/19812	7.30	2179	0	0
E-F	14:33:59.0	14:42:48.0	31282	35143	65000/19812	7.30	3862	0	0
G-H	14:47:19.0	14:58:36.0	37123	42073	65000/19812	7.30	4951	0	0
I-J	15:02:39.0	15:12:22.0	43855	48112	65000/19812	7.30	4256	0	2
K-L	15:20:56.0	15:21:51.0	51874	52270	65000/19812	7.30	397	0	0
M-N	15:29:04.0	15:30:52.0	55438	56230	65000/19812	7.30	793	0	0
O-P	15:36:17.0	15:37:39.0	58606	59200	65000/19812	7.30	595	0	0



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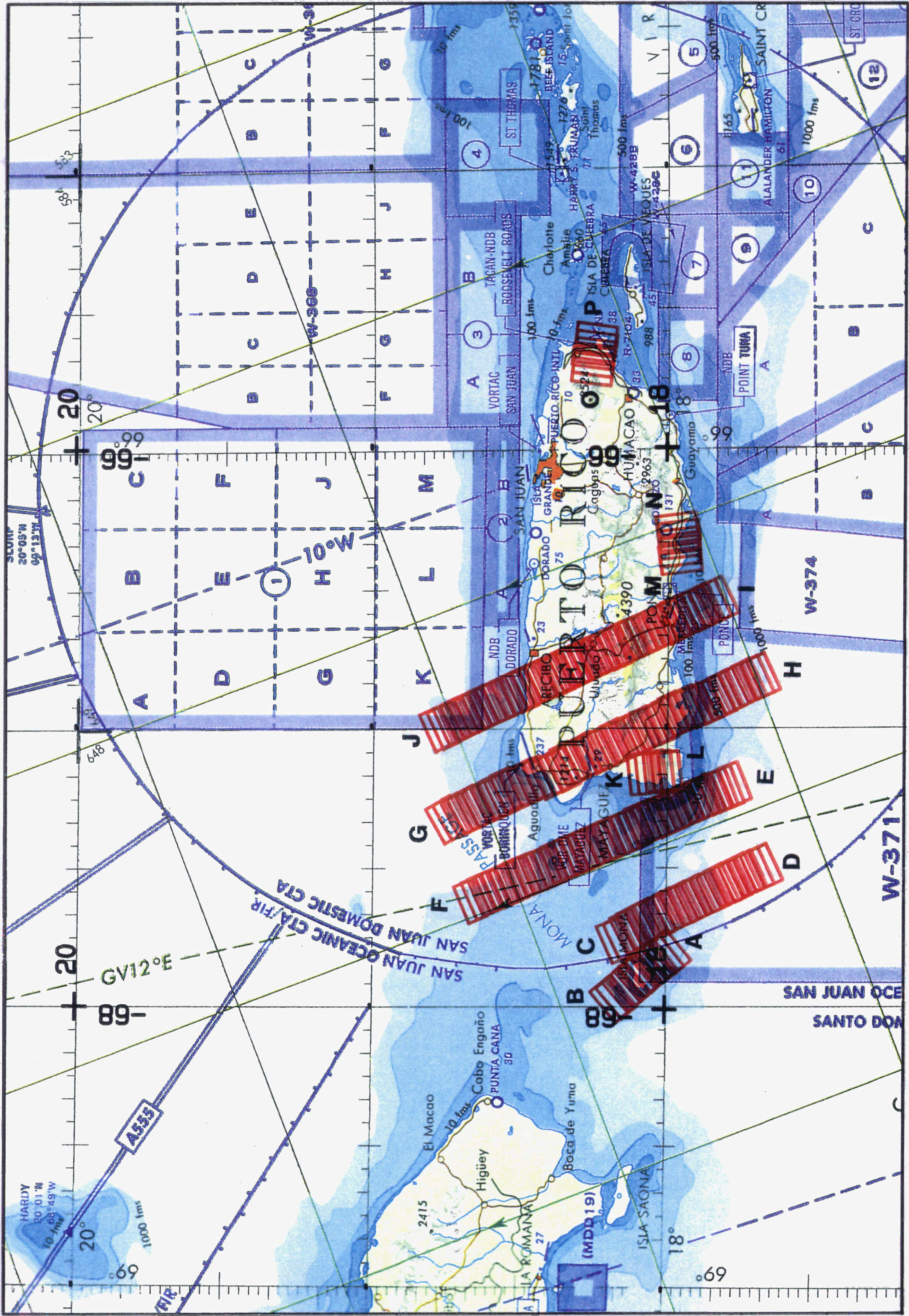
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6° RC-10 / AOCI

JNC 47



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