4. WRITTEN PERMISSIONS FOR AERIAL PHOTOGRAPHY AND PHOTO FLIGHTS

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REPUBLICA DE HONDURAS

Sucretoria da Comunicaciones, Obics Públicas y Transportar

DIRECCION GENERAL DE AERONAUTICA CIVIL

Departamento de Operaciones. 1 F128 El

PERMISO DE CIRCULACION EN EL PAIS

のないない	La aeronave Mairicula: <u>N-626Y</u> , Marca: <u>Piper Acft</u> . ^C orp.
「辺の」の一	Modelo: PA-23 Azteca/250, Nacionalidad:Americana
近ろのなるの日田	Propiedad de: For cuenta de COHDEFOR , Piloto: Steven C. Suiter
A 154-10 1	, Licencio:, No,
第四次にな	Nacionalidad: <u>Americana</u> , Procedente de: <u>Estados Unidos de A.</u> ,
N. 59.32	iene outorización para operar en el païs por el término de: <u>90 dias</u> ,
日本語	a partir de esta fecha, on Vuelos de corécter: Oficial
語となどであ	Rula que desua volar: <u>Dentro del territorio nacional y principalmente en</u>
のなどですない	La l'osquitia Número de pasaferos: UKO , Nombre de los Posajaros:
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	NOTA: El objeto de permanencia y sobrevuelos es para tomar Fotografias
日日間	Aerea en la Zona de La Nosquitia, por cuenta de la COHDEFOR
があまいで	a aeronave dascrita anturiormente, deberá hacer uso da los Aeropuartos Internacionales –
1. 1. N. 1. 1. 1.	l' Tancontín, La Niesa o Golosón, para entrar o salir del país.
	Este permise vence el: <u>28 de abril de 1981</u> .
State State	Tegucigalpa, D. C. 28 de Enero de 1981
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THE MARY	por lala Departamenta la Operaciones
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Fuerzas Armadas de Honduras

Estado Mayor General

Comayaguela, D.C., enero 28 de 1981.

REGISTRO : No.JEMG-110.81

EXPEDIENTE : No. 0052

ASUNTO : AUTORIZACIÓN

 A L : Señor Gerente General de la Corporación Hondureña de Desarrollo Forestal P.M. CELEO ARIAS MONCADA Su Oficina.

- 1. En atención a su Oficio de fecha 26 de enero del corriente año; comunico a usted, que este Organismo concede su autorización para que la Compañía "Aero Service" de los Estados Unidos de América y el Direc-tor del Proyecto que financia el gobierno del Japón a través de la -Asístencia Forestal Japonesa, señor ROBERT HARDWICK en compañía de los señores STEVEN C. SUITER (piloto) y THOMAS DECKER (camarógrafo),puedan sobrevolar y tomar fotografías aéreas en el área de La Mosquitia; usando la aeronave Piper Aztec PA 23-250 con matrícula N626Y y No. de serie 27-132; según diagrama y operaciones de vuelo adjunto.
- Se deberán observar las disposiciones establecidas referentes al reve lado de los negativos, usando las facilidades del Instituto Geográfico Nacional, así como la custodia de los mismos.
- 3. Además se deberá limitar la toma de fotografías aéreas en las áreas que se consideren Instalaciones Militares.
- 4. De usted, atentamente.

GENERAL DE BRIGADA MARIO ENRIQUE CHINCHILLA CARCAMO JEFE DEL ESTADO MAYOR GENERAL

IECHC/mo

- cc: Jefe Departamento de Inteligencia (G-2)
- cc: Cmdte. Gral. F.A.H.
- cc: Jefe Octava Región Militar
- cc: Director Gral. Instituto Geográfico Nacional
- cc: Director Gral. Aeronáutica Civil
- cc: Arch.

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NAME OF AREA La Mosquitia, Honduras 1. : 2. JOB : Aerial photographing Survey on forest inventroy in La Mosquitia of Honduras 3. PILOTS Mr. Robert H. Hardwick : Mr. Steven C. Suiter Mr. Dan P. Deluca Mr. Thomas L. Decker 4. OPERATOR : Mr. David B. Harper 5. MECHANIC : Puerto Lempira Airfield 6. AIRPORT : Piper PA23-250 (No. N626Y) 7. AIRCRAFT • Zeiss RMK A-15/23 CAMERA 8. : (Serial No. 21174) Wild RC-8 (Serial No. 2771) 3,000metre from mean 9. ALTITUDE : ground level 10. ELEVATION OF 5 metre : AIRPORT 150 metre Ξ DATUM LEVEL 11. Zeiss Pleogon A 12. LENS OF CAMERA : (Serial No. 98153) F=152.58mm Wild Univarsal Aviogon • (Serial No. UAG 270) F=152.46mm 1 : 20,000 PHOTOGRAPHING SCALE : 13. Kodak Plus X , 14. FILM :

distortion-free

C. 122. FLYING : – 1 60, FEURIN LT (MUTTO 10 Galpa ĉ FLYING COURSE : RED LINE DIAGRAM REMARK Stand-by at Teguci ŝ ť ļ FL.ICHT HOUR ç ç FILTER : TAKE-OFF : •• MAGAZINE NO. CAMBRA : F VALUE: 29 Jan 1981 ** SHUTTER S PEED DATE OF PHOTOGRAPHING : Cloud OF SHEETS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. DIAPHRAGM : ENDING TIME COURSE NO. WEATHER : TOTAL NO. DIRECTION ROLL NO.

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II	DATE OF FHOLOGRAPHING	30 Jan 1981		TAKE-OFF	. : 8 : : 11	00 20	FLIGHT : 3 : 20	FLYING .
l	WEATHER : Heavy cloud	ouđ	CAMERA : F VALUE:		FILTER		IUGMARK	
	DIAMRAGM 1	Siluten ¹ Stredd	· <u> </u>	MAGAZINH NO.			To/from Puerto Lempira	ira
117 -	COURSE NO.						No product due to heavy cloud	eavy cloud
	STARTING TIME				1			
	ENDING TIME						MARDAIC	
<u> </u>	TIME OF EXPOSURE						FLYING COURSE : RED LINE	
<u> </u>	DIRECTION] 					
	exposule no.] ;				οι <u>συν</u> οι <u>συν</u> οι <u>συν</u> οι <u>συν</u> οι <u>συν</u> οι <u>συν</u> οι <u>σ</u> υν οι <u>σ</u>	C
	TOTAL NO. OF SHEETS	1 1 1	T 5 1					
J	ROLL NO.	,	• • • • •		· · · · · ·			

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1 V2015 #199)---•• 87 FLY ING E U Stand-by Teguci Galpa 1.0 100 FLYING COURSE : RED LINE DIAGRAM IJEMARK 5 ť 10,00 • ** FL, IGHT HOUR 1 50 5 /<u>.</u> ູ່ມີ FILTER : TAKE-OFP : •• \$ MAGAZINE NO. CAMERA : F VALUE: . 31'Jan 1981 •• SHUTTER Speed Cloud & Rain DATE OF PHOTOGRAPHING 1 OF SHEET'S TIME OF EXPOSURE STARTING TLAE EXPOSUME NO. DIAPPRAGM : ENDING TIME COURSE NO. -TOTAL NO. DIRECTION ROLL NO. WEATHER

P и 0 Ð 5 ≃ C PHOTOGRAPHIN

DATE OF PHOTOGRAPHING :	l Feb 1981		TAKE-OFP	* 8 : 45 	FLIGHT , 2 : 30	FLYING :
WEATHER : Cloud , Overcast	ercast	CAMERA F VALUE		SLI : LET .	REMARK	
DIAPIRAGM 1	SILVETER ; SPEED ;		MAGAZINE NO.		To/from Puerto Lempira	npira
COURSE NO.					No product due to	to heavy could
STARTING TIME						
ENDING TIME					WVXIDV (()	(· · · · ·
TIME OF EXPOSURE					FLYING COURSE : RED LINE	
DIRECTION	•				60-1-C	
exposure no.		1			Le cu Trace Charles and the current of the current	
TOPAL NO. OF SHERTS			۱ 			
иогт но.		, ; ,	1 			. ~~ 1

DATE OF FIIOLOGRAPHING	2 Feb 1981	TAKB-OPP LANDING)เนิร 9 : 00 10 : 9 : 25	FLIGHT 1 0 : 25 FLYING 1
WEATHIER & Cloud & Rain	in	CAMBRA : F VALUGI	F11/16R t	JUBMARK
DIA MRAGM 1	SIIUPTER t SPEED	MAGAZINIS NO.	LNIS I	looked like good
COURSE NO.				But start raining and no product
STARTING TIME				
SML 9 DALONA				DIAGRAM
TIME OF EXPOSURE				FLYING COURSE : RED LINE
DIRECTION				
EXPOSURE NO.				C,
TOTAL NO. OF SHEETS				Contraction (C. 2. Contraction)
.on lod			-	V

L	DATE OF FHOTOGRAPHING :	3 Feb 1981		TAKE-OPF		FLIGHT . HOUR	FLYING ALTITUDE :
<u>!</u>	WEATHER , Cloud & Rain	, ui	CAMBIRA F VALUE	**	: yawita	IUEMARK	
!	DIAMRAGM 1	Silveter Speed		MAGAZINE NO.	••	Stand-by at Teguci	l Galpa
121 -	COURSE NO.						
!	STARTING TIME						
<u> </u>	ENDING TIME					DIAGRAM	· · · · ·
<u></u>	TIME OF EXPOSURE			 		FLYING COURSE : RED LINE	
	DIRECTION						
·	exposure no.					construction of the second sec	
	TOTAL NO. OF SHEETS		1				
	TOLI NO.				1		~~~

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	1081 Job 1081	נאסו		PAKE-OMF			FLY ING
DATE OF FIIOLOGIAPHING 1		TOCT		: DNTANA!		110UR	ALTTUDE :
WEATHER : Heavy	Heavy cloud & Rain	и	CAMERA : F VALUE:		FILTER :	IREMARK	
DIAPHRAGM 1	SHUPPER SPECD	**	~~~	MAGAZINE 10.		Stand-by at Teguci	Galpa
COURSE NO.							
STARTING TIME							
ENDING TIME						DIAGRAM	W
TIME OF EXPOSURE							INE CLARKER CONTRACT
DIRECTION							
EXPOSURE NO.						very cranting and the cranting of the cranting	
TUTAL NO. OF SHEETS							
ROLL NO.							

ic' ج --: ÷ •• FLY ING らいる そしょい Went to Puerto Lempira 1 2 FLYING COURSE : RED LINE ċ DIAGRAM NEMARK 20 Bad weather .. 2 ... FLJ GHT HOUR ŗ ļ 30 50 --•• •• FILTER 50 TAKE-OPP : LANDING : •• MAGAZ INE NO. CAMERA : F VALUEL İ 1 ! . Feb 1981 SUINTEII S PEED ហ DATE OF PHOTOGRAPHING 1 TUPAL NO. OF SHEETS Cloud TIME OF EXPOSURE STARTING TIME EXPOSUME NO. BMLT ONIGNE DIAPHRAGM 1 COURSE NO. DIRECTION WEATHER : TOLL NO.

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L								
	DATE OF RIGTOGIA PRIMA	1 6 Feb 1981	1981		DNTANAI Y'YO-3NAI	1 9 : 00 1 10 : 50	F1.1.1G111 + 1 : 50	FLYING '
<u> </u>	WEATHER , Cloud , Overcast	vercast		CAMBILA		ะ บอมวาม	ILEMARK	
<u>!</u>	i monninad	auvrren sreed			MAGAZINE NO.	-	Very bad weather	
<u> </u>	COURSE NO.						Come back to Teguci Galpa	Galpa
<u> </u>	STARTING TIME							
 - 124	FINDING 'ITME						WVHOVTO	
<u> l </u>							FLYING COURSE : RED LINE	AL CONTRACTOR
	TIME OF EXPOSURE							والمراحب المسترين
	DINECTION							
l	exposure no.						ν ^c , ^{cur} 2, ^{cu} 2, ^{cur} 2, ^{cur}	
L	TOTAL NO. OF SHELVS							
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DATE OF PHOLOGIAPHING	7 Feb 1981		TAKE-OFF LANDING		FLIGHT 1 HOUR	- AGUTLAIA SMITLAIA
WEATHER : Partly cloud	uđ	CAMERA : F VALUE:		FIRER :	IGMARK	
i məninind	Shutter : Speed :		MAGAZINE NO.		Stand-by at Teguci	Galpa
COURSE NO.						
STARTING TIME						a ganay - sayada - Wanyar - Kanada - War ya mamanananya ita ta ana ang ma
ENDING TIME					DIAGRAM	
TIME OF EXPOSURE					- FLYING COURSE : RED LINE	
DIRECTION					C	
EXPOSURE NO.					c, c, c, <u>c</u> , <u>c</u> , <u>c</u> , <u>c</u> , <u>c</u> , <u>c</u> , <u></u>	
TOTAL NO. OF SHEKTS						
NOLL NO.		1				

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DATE OF FILOTOGIAFILING	8 .Feb 1981	VT.	. 6 : DNINGT TAKE-OFT : 7	45 55	FLIGHT 1 2 : 10 FLYING	- 301
WEATHER 1 CLOUG	-	CAMERA : F VALUE:	nault f		NDAMARK	
DIAPUNAGM 1	Siturden 1 Steed	MAG NO.	MAGAZINE I NO.		Return to Puerto Lempira	rd.
COURSE NO.					NO Produce and to crond	
STARTING TIME						
ENDING TIME				· · · ·	DIACHAM	
TIME OF EXPOSURE					FLYING COURSE : RED LINE	
DIRECTION						in the second s
EXPOSURE NO.					ν ² τ	10 5 3 B
TOTAL NO. OF SHEETS						
Roll No.						

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FLJCHT 1 1 : 25 FLYTHG	немлик	A.M. Looked like it would be good	Flew aerial/area familiarization.		DIAGRAM	FLYING COURSE : RED LINE		401 000		
F 1 7 : 15 : 8 : 40	: NATITA	-	<u>.</u>							
ANDLUNAL	: 1	MAGAZ LNIS NO.					5 1 2 2 2 2 3 4 4			;
	CAMERA F VALUE									
9 Feb 1981		SILUTTER SPERD								
1 ONTHAVISOLOHA JO ALVA	WEATHER 1 Cloud	i MƏVIIIYI ALA	соигая но.	STARTING TIME	SIMIT DUICUS	TIME OF EXPOSURE	DIRECTION	EXIOSURE NO.	TOTAL NO. OF SHERTS	IOLL NO.

DATE OF PICTOGRAPHING :	10 Feb 1981		TAKE-OFF TANDING			FLIGHT 1	FLYING ALTTUDE :
WEATHER : Cloud & Rain	ain	CAMERA F VALUE		rulta	**	IUEMARK	
DIANNRAGM 1	SHUTTER SPEED		MAGAZ LNE NO.			Stand-by at Puerto Lempira	Гетріга
COURSE NO.						Unsuitable weather	
STARTING TIME			•			-	
ENDING TIME				 		אעאטערמ	V
TIME OF EXPOSURE				<u> </u>		FLYING COURSE : RED LINE	INE Contraction of the second se
DIRECTION		-		<u> </u>		C3 C3	
EXFOSURE NO.							10
TOTAL NO. OF SHEETS						Ct. 20	······································
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L	DATE OF FICTOGRAPHING 1	11 Feb 1981		TAKE-OPP TANDING		FLICHT 1	- MUTTRIA
<u> </u>	wEArliER ; Overcast &	Rain	CAMBIRA 1 F VALUE1		FILTER :	REMARK	
<u></u>	DIA MRAGM I	Silvr'fen Spend		MAGAZING. NO.			
129 -	COURSE NO.						
	STARTING TIME						
<u></u>	ENDING "LIME					MANDALO	
<u>. </u>	TIME OF EXPOSURE					FLYING COURSE : RED LINE	
	DIRECTION						
•	EXIVOSURE NO.					(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	0
	TCTAL NO. OF SHEETS						and the second s
	ROLI, NO.						· · · · · ·

L	DATE OF FHOTOGRAPHING 1	12 Feb 1981	1981	TAKE-OCP		FLIGHT I	LLYING :
<u> </u>	WEATHER , Heavy ove:	overcast & Rain	n CAMBRA : F VALUE:	RA : LUG1	FILTER :	REMARK	, 2014 (14 80) (14 80) (14 8 € 14 14 14 14 14 14 14 14 14 14 14 14 14
<u> </u>	DIAPHRAGM :	SHUTTER SPEED		MAGAZINE NO.	ж.	Stand-by at Puerto Lempira	Lempira
	COURSE NO.						
<u> </u>	STARTING TIME						
- 130	ENDING 'PIME					WENDERG	W
	TIME OF EXPOSURE					FLYING COURSE : RED LINE	INE CITY OF CI
<u> </u>	DIRECTION						C 1) 1 9000 000
]	EXPOSURE NO.						
	TOTAL NO. OF SHERTS						······································
	roli. No.						2.3

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-	IP 1 : 05 FLYING : ALTITUDE :	Itemark	Instructed by Kitagawa to fly	TH TOORED BOOD DUL SLAFT FAILIIG		DIAGRAM	FLYING COURSE : RED LINE				
	00 FLIGHT 05 IIOUI		Inst				ГЛТЈ		د و. پرو ^{ب د} د و.		تسرية
	1'AKE~OF'I" : 9 : LANDING : 9 :	มสสาร	MAGAZINE : NO.								
	τν <u>ι</u> Τνγ	CAMURA : F VALUE:	MAC NO.								
-	Feb 1981	Broken rain	TFIL 1 D								
	4C I 13	۶۲	Shuppin					1			
	DATE OF FILOTOGRAPHING	WEATHER : Overcast	DIA MIRAGM ‡	COURSE NO.	STARTING TIME	gml'i onidnə	TIME OF EXPOSURE	DIRECTION	EX POSURE NO.	T'OPAL, NO. OF SHREPS	ROLL NO.
i				131 -	· <u></u>	<u>'</u>	<u> </u>	<u></u>	·		*****

	FLYING [:]	YUI	rto Lempira		
-	FLIGHT 1 HOUR	JUEMARK	Stand-by at Puerto Lempira		
		e nen e	**		
	TAKE-OFT : I.ANDING :		MAGAZINK NO.		
		CAMERA : F VALUE:			
	14 Feb 1981		**		
	1 14 Fe	louđ	Uasus Uasus		
	of mionographiese a	IER , Broken cloud	IRAGM :	IE NO.	AMIT ONL

1 ł i 1 - 4 6518 5UIUN -220 FLYING COURSE : RED LINE DIAGRAM 2 2 ູ TOTAL NO. OF SHEETS TIME OF EXPOSURE EXPOSURE NO. ENDING TIME DIRECTION TOLL NO. WEATHER DIAPHRA COURSE DATE OI STARTI

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د -: .. FLYING ALTIFUDE V::03 119) Stand-by at Puerto Lempira 1 PLYING COURSE : RED LINE **MARDALO** NUCMARK ŝ ... FL IGHT HOUR ç z ſ ** FILTER ł TAKE-OFF : ł •0 MAGAZINE NO. ŗ ł CAMERA : F VALUE: ì 15 Feb 1981 ** SHUTTER SPEED Heavy overcast Rain all day ** DATE OF FIOUOGRAPHING TUPAL NO. OF SHEETS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. FNDING TIME 1 MOANITIRAGM 1 COURSE NO. DIRECTION ** ROLL NO. WEATHER

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+ DNIHANDOLOHA JO BAR	1 16 Feb 1981		TAKE-OFF 1 08;00 LANDING : 09:50	FLIGHT 1 01:50	F1.71NG 3140-
WBATHER 1 Cloud		CAMBRA F VALUE	r RC-8 101 152.46 FILPER 1Pan 2X	NUVWEIN	
DIAMMAGM 1 6.8	SUIVETER , 1,	1/300	MAGAZINE 1 43 NO.	photographed 40 she	photographed 40 sheets but unacceptable
COURSE NO.				due to cloud and ur of camera hood	due to cloud and unfavourable coverage of camera hood
STARTING TIME	08:45	3 9 9 9 9 9		1	
ENDING TIME	09:03			שעאטערמ	W
TIME OF EXPOSURE	00:18	-		FLYING COURSE : RED LING	INE CITY OF CITY
DIRECTION	R				
EXPOSURE NO.	40,			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
TOPAL NO. OF SHERES					
ON TIOU			-		~```

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	Lempira					1				
IUBMARK	Stand-by at Puerto			WVIJVIA	FLYING COURSE : RED LIN		··· ;	1, 1) 10 1,		N. N. Martin
FILTER 1	, antsad.									
CAMBILA : F VALOFI	W N									
Heavy rain	SHULTER SPEED									
WEATHER , Cloud &	i moninia	COURSE NO.	AMLT' ONLTAATS	ENDING TIME		TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SHEERS	יסויד אסי.
	Cloud & Heavy rain FANBUA: FILTER :	Cloud & Heavy rain CAMBRA : FILTER : Stand-by at PL Steed + Steed + Steed + Stand-by at PL + Steed + Steed + NO.	Cloud & Heavy rain CAMBHA: FILTER 1 F VALUE: FLITER 1 SHUTTER 1 SPEUD 1 NO.	Cloud & Heavy rain CAMBRA: FILTER 1 F VALUE: FULTER 1 Stand-by Stand-by Cloud & Heavy rain CAMBRA: FILTER 1 Stand-by NO.	Cloud & Heavy rain GAMBHA: FILTER 1 F VALUER SHUTTER 1 SHUTTER 1 SPEED 1. SPEED 1. NO.	Cloud & Heavy rain GAMBHA : F VALUE: FILTER : Stand-by . SHUTTER , SPECD MAGAZINE ; NO. Stand-by . SPECD NO. . . NO. . . . MG 	Cloud & Heavy rain CAMBIA: F VALUR: FULTER i i SHUTTER i FULTER i i SHUTTER i MAGAZINE i i SHELD NO. i NO. NO. TIME NO. Stand-by ME NO. NO. XPOSUIE NO NO	Cloud & Heavy rain GAMBIA : F VALUE FILTER I IBMARK I SHUTTER I RANGA CAMBIA : F VALUE FLITER I IBMARK I SHUTTER I MACAZINE : NO. MACAZINE : NO. Stand-by at Fuerto Lempi I SPECED MO. NO. NO. I SPECED MO. NO. Stand-by at Fuerto Lempi I NO. NO. NO. NO. ME I I I II ME I I II II ME I I II II XPOSUIR I II II III	Cloud & Heavy rain CANGINATION FULTER I LUBMARK I SIUUTERU RUTTERU PLILTER I RBMARK I SIUUTERU SIUUTERU Stand-by at Puerto Lempira I SPECID NO. DIAGNAR I SIUUTERU NO. Incomment	d & Heavy rain GAMBIA : FILTER I I IBMARK F VALUER: F VALUER: SHUTTER I I IBMARK SHUED I I I I I I I I I I I I I I I I I I I

FLIGHT T FLATE	FILTER : REMARK	Stand-by at Puerto Lempira			DIAGRAM	PLATING COURSE : RED LINE			ve3 € con <u>providente</u> <u>con transferente</u> <u>con tra</u>		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
: DNIONT	CAMBRA : F VALUE:	MAGAZINE 1 NO.									
1 18 Feb 1981	Rain	SHUTTER SPEED					<u></u>				
DATE OF PHOTOGRAPHING 1	WEATHER : Cloud & Rain	DIAFIRAGM :	COURSE NO.	STARTING TIME		ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SHERTS	ROLL NO.

•• יאמוזיהאיא): Stand-by at Puerto Lempira FLYING ALTTUDK ł 1 ċ FLYING COURSE : RED LINE DIAGRAM REMARK 5 ć įc F ĉ •• FL.IGHT HOUR ċ Ē ç FILTER : NO. . TANDING TANDING CAMERA : F VALUE: Feb 1981 ** & Heavy rain SHUTTER SPEED 19 DATE OF PHOTOGRAPHING 1 TOPAL NO. OF SHEEPS Cloud TIME OF EXPOSURE STARTING TIME EXPOSURE NO. ENDING TIME ** DIAIFIAGM COURSE NO. DIRECTION **#**3 ROLL NO. WEATHER

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DATE	DATE OF JHOPOGRAPHING 1	21 Feb 1981	1981		TAKE-OFF		FL.IGIT HOUR	FLYING :
WEATNEN :	Cloud & rain	rain		CAMERA : F VALUE:		: usania	IGEMARK	
DIAITURAGM	M i	SHULTER	-		MAGAZINE NO.		Stand-by at Puerto Lempira	тетріга
COURSE NO.	NO.							
STARTING TIME	G TIME							
ENDING TIME	TME						DIAGRAM	
TIME O	TIME OF EXIVOSURE						FLYING COURSE : RED LINE	
DIRECTION	NOI				•			
EXIVOSURE NO.	re no.				 		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
TOPAL	TOTAL NO. OF SHEETS							2 / amain 2 /
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22 Feb 1981 TAKE-OFF 1 8:00 FLIGIT 1 : 05 FLYING 1ANDING 0, 05 HOUR 1 : 05 ALTERTION :	CAMERA : F VALUE: FILTER : JEMARK		_		DIAGRAM	FLYING COURSE : RED LINE			CITY OF CALL CALL	
22 Feb 1981	Scattered to broken clouds F VALUE	SHUFTER t								
DATE OF FILOTOGRAPHING 1	WEATHER : Scattered t	DIAPHRAGM 1	COURSE NO.	STARTING TIME	ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SHEETS	. NOLL NO.

- Carrie ** PLYING AUTTPUDE 60,4 \$ UIN 0170 Stand-by at Puerto Lempira FLYING COURSE : RED LINE ć DIAGRAM ł REMARK 50 FI, IGHT HOUR Ĵ. FILTER : TAKE-OFF : •• MAGAZUNE NO. CAMERA : F VALUE: 23 Feb 1981 & Heavy rain ****** SHUFTER SPEED DATE OF PHOTOGRAPHIAG : Clouds POUAL NO. OF SILENTS TIME OF EXPOSURE STARTING TIME EXIOSURE NO. ENDING WIME -COURSE NO. DIAITRAGM DIRECTION ** ROLL NO. WEATHER

FLYING 3140m -	ARK	lity - 4 Miles.	Eul.		MANDALA	June 1 State				· · · · · · · · · · · · · · · · · · ·
FLJGHT , 2 : 10 HOUR	NEWVILL	Very bad visibility	Alignment doubtful.		VIU	FLYING COURSE : RED LINE		Contraction of the second seco		A CONTRACTOR
8 : 45 0 : 55	રા ક				•				÷	
1. ANUB-OFT 1 0	, RMK A , 152,58 FILTER	MAGAZ LNF 1 NO.	16	10 : 06	10 : 15	60 : 0	Ш	103 - 122	20	m
TAK	CAMERA 1 RM	MAG NO.	15	9:24	6E : 6	0 : 15	ы	36 - 66	31	m
24 Feb 1981	'vy	1 1/300	14	9 : 06	9 : 20	0 : 14	M	35 - 1	35	m
-	A.M. Heavy	SHUPTER SPEED	13	9:44	9:57	0 : 13	З	102 - 67	36	m
DATE OF FIOTOGRAFIERG	WEATHER : Cloud ,	DLAI'III'AGM i 6.8	COURSE NO.	STARTING TIME	ENIT' DNICHE	TIME OF EXPOSURE	DIRECTION	EXIOSUNE NO.	TULAL NO. OF SHEETS	. ON ILION

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MULTTUDK ALTTUDK	IIEMARK	Return to Teguci Galpa for visa	ation		4	NE				
F1,JCITT 1 1 : 30			unsuitable for operation		WVUDVT((	ant'i dan : asnog onitat	10 10 10 10 10	c		
1 8 : 10 1 9 : 40	1 111/11/1	-						, , , , , , , , , , , , , , , , , , ,		
TANB-OFF TANAT		MAGAZ LNG NO.								
1 25 Feb 1981	CAMBITA 1 F VALUE								1	
	t , Heavy rain			     						
		SHUPPEN SPEED								
เ อหาเกากกองการเกาะ จาก อาก	WEATHER 1 Overcast	DIAMMACM 1	COURSE NO.	AMIT DULTAR	SMIT ONIGNS	TIME OF EXPOSUUE	DIRICT LOH	EXIVORUME NO.	POPAL RO. OF BREETS	ROLL NO.

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Weather unsuitable for photo. FLYING : ALTUDE : Vivil 2 1/2 /2 /2 1.5 5 FLYING COURSE : RED LINE Return to P.Lempira. DLAGRAM REMARK 5 5 0 l:40 . •• F1,IGHT HOUR 3 ۍ. 09:50 11:30 FILTER : TAKE-OF' : MAGAZTNIF NO. • CAMERA : F VALUE: 26 Feb 1981 Broken to overcast •• SHUFFER SPEED DATE OF JUOTOURAPHING . TOTAL NO. OF SHEETS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. •• ENDING TIME DIA PIRAGM COURSE NO. ** DIRECTION ROLL NO. WEATHER

PHOTOGRAFHING RECORD

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l	DATE OF PROPOSITAFILING	27 Fe	27 Feb 1981		TAKE-OFP LANDING			FLJGITT 1 HOUR	ALTITUDE ⁴
t	WEATHER 1 Broken t	Broken to overcast	st	CAMERA & F VALUE	40 su	i USATLI		REMARK	
<u> </u>	DIAMRAGM 1	SHULTER	-		MAGAZ LNB NO.			Stand-by at Puerto	o Lempira
145 -	COURSE NO.							Weather unsuitable.	
l	STANTING TIME								
<u>.</u>	ENDING TIME						F	WVHDVIG	
<u> </u>	TIME OF EXPOSURE							PLYING COURSE : RED LINE	
	DIRECTION								
<u> </u>	EXTOSURE NO.							(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
, <u>,</u>	TOTAL NO. OF SHEETS								······································
J	ROLL NO.								· · · · ·

FLICHT I FLYING : AUTTFUDE :	IJEMARK	Stand-by at Puerto Lempira Weather unsuitable.			DIAGRAM	FLYING COURSE : RED LINE		con 1/2	strength and the second s	
FI								() 	<u>-,×-</u>	
	FILUER :				<u> </u>	   				. 
TAKE-OFF : LANDING :		MNLZAZINW NO.								
LA LA	CAMERA : F VALUE:	MAG NO.								
28 Feb 1981										
28 Fe	Broken to overcast	s Peed 1								
I DNTHAV	roken to					E E			11EINS	
DATE OF PHOTOGRAPHING +	WEATNIER 1 BI	i mərniradi	COURSE NO.	STARTING TIME	endir oniquə	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SHEEVS	

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\ < { { 20 % Cloud cover at Puerto Lempira But encountered 60 % in flight. •: F1,YJ NG A1,T T T U DH KINESANE K -SNLA CAN : SSUUC OLYA DIACRAM REMARK ę 35 3 SUNQ.S •• 0 F1, JGHT 110UR 5 2 ŗ 35 10 ---•• •• FILTER დთ TAKE-OFF MAGAZ LNF NO. CAMERA : F VALUE: Mar 1981 SILVI"T FIL S PELJD Broken clouds ---DATE OF FIGTOGRAPHING 1 TOTAL NO. OF SHEETS TIME OF EXPOSURE STARTING TIME EXTOSUME NO. ENDING TIME DIAI/IRAGM I COURSE NO. DIRECTION WEATHER : NOLL NO.

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FLYING [:] HUUTLYIA	-14 YAYA MA GAMAN YA 40 YAYA MAYAMA MAYAMA YAYAMA YAYAMA YAYAMA MAYAMA	e sunrise changing							in the second se	;
FLAGUT 1 A	MARMAN	. Broken clouds before to overcast			WVNDALU	FLYING COURSE : RED LINE		65, cin <u>1, cin 1, cin </u>		
	FLUPBR :	**					-			-
TAKE-OFF LANDING	1 EIN	MAGAZ INU NO.								-
	CAMERA : F VALUE							 		
1 2 Mar 1981	to overcast	SHUTTER SPEED				-				
DATE OF PHOTOGRAPHING	WEATHER : Broken	DIAMRAGM 1	COURSE NO.	STARTING TIME	ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SHEETS	.on loor

PHOTOGRAPHING RECORD

<u> </u>	DATE OF PHOTOGIAPHING	3 Mar 1981		TAKE-OFF		F1.IGIT 1 HOUR	ALTUUDE :
1	WEATHER : Broken to	Broken to overcast	CAMERA : F VALUE:	··· ···	: 11.11.4	IUEMARK	
!	DIA WIRAGM 1	SHUITER SPEED		MAGAZINE NO.		Broken clouds before sunrise	ore sunrise changing
<u> </u> 149 -	COURSE NO.						
	STARTING TIME						
	ENDING TIME					WVNDVTO	
}	TIME OF EXPOSURE					FLYING COURSE : RED LINE	
	DIRECTION						
t <u></u>	EXPOSURE NO.					Contraction of the contraction o	
ł	TOPAL NO. OF SHEETS						······································
	ROLI, NO.						

いいい Broken clouds before sunrise changing Vinit Suns P •• FLY I NG 1000000 1. ĉ FLYING COURSE : RED LINE DIAGRAM NEMARK ŝ 15 0 to overcast. FLJCHT HOUR 3 v •1 FILTER TAKE-OPP : MAGAZINE : NO. CAMERA : F VALUE: Mar 1981 •4 Broken to overcast SHUPTER Speed 4 DATE OF PHOPOGRAPHING : TUTAL NO. OF SHEETS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. DIAPHRAGM 1 ENDING TIME COURSE NO. WEATHER : DIRECTION ROLL NO.

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L	DATE OF FIGUOGRAFIIING 1	5 Mar 1981	11	TAKE-OFP LANDING	•• ••	FLICHT FUOUR	FLY ING ALTITUDE
l	WEATHER : Broken to overcast	overcast	CAMERA : F VALUE:	: 5	FILTER :	ILEMARK	
i	DIA MIRAGM 🤉	SHUTTER.		MAGAZINE NO.		Broken clouds at	2,500 feet.
151 -	course no.			-			
l	AMLT DNITHA						
1	ENDING TIME			 		WENDELO	~
<u> </u>	TIME OF EXPOSURE			     		FLYING COURSE : RED LING	
	DIRECTION						
<u> </u>	EXPOSURE NO.					1. c. 2. c.	10
·	TOLAL NO. OF SHEERS						
	ON TTON						~~

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ていいい : ] ADA FURIA •• PLY ING ALTTTUDE Stand-by at Puerto Lempira FLYING COURSE : RED LINE DJAGRAM HEMAIRK F1, J CHT' HOUR ŗ 1 REPUBLI ••• Magazine No. TAKE-OFF LANDING CAMPERA : F VALUE: . 6 Mar 1981 Shower rain -SHUTTFR STEED DATE OF FIGTORIAFILIAG Cloud , TOPAL NO. OF SHEEPS TIME OF EXPOSURE STARTING TIME EXIOSURE NO. DIAITINAGM 1 BMLT DVIUNE COURSE NO. NEATHER 1 DIRECT LON nould no.

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TIME OF EXPOSURE DIRECTION EXPOSURE NO. FOTAL NO. OF SHERES		FLYING COURSE : RIN LANG

Ś ì ( Fills EUU.S •• FLY ING Stand-by at Puerto Lempira ••• FLYING COURSE : RED LINE DIAGRAM REMARK F1, JGHT HOUR ý : 1121.1211.1 -TAKE-OP'P' MAGAZ LUM NO. CAMERA 1 F VALUE1 Mar 1981 Broken to overcast ** SHUTTER SPEED ω DATE OF FIGFOGRAPHING TOTAL NO. OF SHEFTS TIME OF EXITOSURE STARTING TIME EXPOSURE NO. DIAITIRAGM 1 FNDING TIME COURSE NO. WEATURER 1 DIRECTION noul no.

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1 د -: 1 1 1 ļ •• 81171NG 811717NG 6113 Eller A Stand-by at Puerto Lempira FLYING COUNSE : RED LINE t C DIAGRAM REMARK ć Sugar. FI, I GHT HOUR ç r nataliy TAKE-OFF : MAGAZINE NO. ł 1 i 1 ł CAMPRA : F VALUE: ł ;; ļ ŧ ţ 1 ţ ţ Mar 1981 shuppen Speed ი & Rain DATE OF FICTOGRAPHIAN . Cloud TOTAL NO. OF SHERES TIME OF EXIVENTE STARTING TIME EXITOSURE NO. ENDING TIME DIAITINAGM 1 COURSE NO. DURECTION WEATHER 1 ROLA NO.

PHOTOGRAPHJNC RECORD

1 1 i . <u>( 665 EUDA</u> ... ; F1,Y1NG AL/TTFUDE Stand-by at Puerto Lempira i FLYING COURSE : RED LINE DIAGRAM JUEMARK FJ, IGHT HOUR 200 J, Ē FLERRI F •• TANDING TANDING MAGAZINH NO. CAMERA : F VALUE: 10 Mar 1981 --SHUFFER SPEED Cloud & Rain DATE OF PHOTOGRAPHING TUPAL NO. OF SHEETS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. ENDING T'IME DIAITRAGM 1 COURSE NO. WEATHER 1 DIRECTION noul no.

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INTE OF FICTOROHAPHIC 1	11 Mar 1981		TAKE-OFF 1		F1,JGITT 1 110UR	FLY J NG ALT TUUN: -
WEATHER 1 Cloud & Rain	kain	UAMERA I F VALUEI		: પ્રાથમિક	REMARK	
ı məvilili vid	Silvirfia Streed		MAGAZINN ¹		Stand-by at Puerto Lempira	Lempira
COURSE NO.						
STARTING TIME						
ENDING TIME			<b>*</b>		WVIIDVTO	
TIME OF EXPOSURE					PLYING COURSE : RED LINE	
DIRECTION						
EXIOSUNG NO.					······································	
TCPAL NO. OF SHEPTS						
. ON J.ION						• • • •

ر ج 1 ļ 7( 601 EURA PLY ING ALT'TTUDE Stand-by at Puerto Lempira τ ----FLYING COURSE : RED LINE ÷ MARDALO REMARK FL, I GHT HOUR Ĵ Ē •• FLUTER -TAKE-OFF LANDING MAGAZ LNF NO. CAMERA : F VALUEI 12 Mar 1981 Shower rain SHUPTER Speed DATE OF FICTOGRAPHING : . Cloud TUTAL NO. OF SHEEPS TIME OF EXPOSURE STARTING TIME EXPOSURE NO. DIAPPIRAGM : ENDING TIME COURSE NO. WEATHER : DIRECTION ROLL NO.

## PHOTOGRAPHING RECORD

FLYING ALTTUDE ¹	REMARK	Unsuitable.			DIAGRAM					
F1.JCIIT 1 0 : 50	W91	Many clouds , t			DVI((					
· 1 8 : 00 : 8 : 50	1 USLUTA	-								
TAKE-OFF	\ : 181	MAGAZ LNIS RO.								
81	CAMFILA 1 F VALUE									ء ۲ ۲ ۲
ı 13 Mar 1981	IJ	SIIUTTEIL 1 SPERJD								
DATE OF MOTOGRAPHING	WEATHER 1 CLOUD	DIAFTIRAGM 2	COURSE NO.	STARTING TIME	ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXIVENING NO.	TOPAL, NO. OF SHERFIS	1017 NO.

e ۳ 0 C E <u>~</u> PHOTOGRAPHJNG

SHULTER F VALUE: FILTER : MAGAZINE , MANY CLOUGS SHULTER , MANY CLOUGS		DATE OF THOTOGRAPHING 1 14 Mar 1981 TAKE-OFP 1 FLIGHT FLIGHT 1 FLIGHT 1 ALTTUDE :
		F VALUEL P VALUEL NO.
	DIAITIRAGM 1 COURSE NO.	WEATHER : Cloud DIAMRAGM : COURSE NO.

PROTOCIAPIINC RECORD

PHOTOGRAPHJNG RECORD

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INTE OF PICTOGRAPHING	15 Mar 1981	L'AKI	TAKB-OFY : IANDING :	F1, 1GUT 1	FLY I NG ALT'T TUDE
Cloud		CAMBRA : F VALUEL	: NELTIA	REMARK	
	SINUTER STEED	MAG/	MAGAZINE NO.	Cloud amount 4/8.	
STARTING TIME					
				DIAGRAM	
TIME OF EXPOSURE				FLYING COURSE : RED LINE	
				······································	
				······································	
TOTAL NO. OF SHEPTS					

- 161 -

FLJGIT 1 04:15 11.7 100 2950m - 1000 2970m	YIYWYIYI	Alignment doubtful due to strong wind				FLYING COURSE : RED LINE		K where we want the second sec	1	V
10:30 14:45	il Pan 2X	43	6	12 :30	12 :48	0 : 18	ы	4394 - 4444	51	5
L : JAC-34AT	RC - 8 152.46 P11.7FM	MAČAZ I NE 1 NO.	9A	12 :10	12 :21	0 : 11	Μ	4392 - 4363	30	73
of 3 I.AI	CAMERA : RC F VALUE: 15	MAG NO.	10	11 :50	12:06	0:16	E	4318 - 4361	44	7
16 Mar 1981 (1		1 1/300	11	11 :26	11 :46	0 : 20	м	4311 - 4276	36	2
- 16	Strong wind	SHUTTER STEED	12	11 :07	11 : 22	0 : 15	ĿЭ	4233 -	42	2
DATE OF FIGTOGRAPHING	WEATHER : Fine ,	DIAMMAGM 1 6.8	COURSE NO.	STARTING TIME	ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOTAL NO. OF SILEERS	воыь но.

PHOTOGRAPHING RECORD

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DATE OF FHOROGIAPHING	1 16	16 Mar 1981	of 3)	TAKE-OPP 1		FLJUIT , HOUR	FLYING ALTTUDE
WEATHER :			CAMBRA : F VALUE:		ર પ્રાથમિક	NJMARK	
DIANNIKAGM 1	SRUITTER			MAGAZTNE NO.		Photographed succes	successfully
COURSE NO.	8	2	9	۵	4		
STARTING TIME	12 :52	13 : 12	13 : 29	l3 : 43	13 : 52		
EMJT ONIGNE	13 : 06	13 : 26	13:41	13 : 50	13 : 59	DJAGRAM	i i i i i i i i i i i i i i i i i i i
TIME OF EXPOSURE	0:14	0 : 14	0 : 12	0 : 07	0 : 07	FLYING COURSE : RED LINE	
DIRECTION	м	ш	М	E1	M		A Contraction of the second se
exitosume no.	4482 - 4446	4505 -	4582 - 4549	4584 - 4604	4626 - 4606	ν. τ.	Le constante de la constante d
TOPAL NO. OF SHEEPS	37	4 9		21	51		
nol, no.	~		<b>₽</b> −1	, , , , , , , , , , , , , , , , , , , ,	۱ - ۱۰۰۰ ۱ ۱ ۱ ۱ ۱ ۱		

PHOTOGRAPHJNC RECORD

I-L,YING	NEMARK				DIAGINAM				1 1 1 1 1 1 1 1 1 1 1 1 1 1	Section 2. 1 minutes and the section of the section	
FLICHT			-,				MTX4.4		C, CHI CI		4
 TAKE-OFF 1 IANDING :	CAMERA : F VALUE:	MACAZINE I NO.									
far 1981 ( 3 of 3 )	C VI	-									-
ı 16 Mar		SHUFFER SPEED	m	14 : 01	ļ .	т4 <b>:</b> пл	0 : 08	ы	4628 - 4649	22	н
DATE OF FIGFOGRAPHING	. I NENTRA	DIA PURAGM 1	COURSE NO.	STARTING TIME		ENDING TIME	TIME OF EXPOSURE	DIRECTION	EXPOSURE NO.	TOPAL NO. OF SHEERS	roll no.

## PHOTOGRAPHJNC NECORD

J ..... •• بر قنية 13ميك FLY LIG ALT TT UDE Stand-by at Puerto Lempira FLYING COURSE : RED LINE t 5 DIAGRAM REMARK FLIGHT ç •• VERITA l TAKE-OFF : LANDING : --MAGAZINE NO. CAMERA : F VALUEL ----17 Mar 1981 ** SHUTTER SPEED DATE OF PHOTOSIAPHING . Cloud TOTAL NO. OF SHEFTS TIME OF EXPOSURE STARTING TIME EXTOSURE NO. ENDING TIME DIAITINAGM . COURSE NO. DIRECTION -ROLL NO. WEATTHER

PHOTOGRAPHJNG RECORD

	~						1994 S. A. Saya
DATE OF FIOTOGRAPHING	1 18 Mar 1981		TAKE-OFF			FLJGHT HOUR	HUTTING :
wearnien i Cloud		CAMBILA 1 F VALUE1		FLIJTER 1		NEMARK	
DLA FHIRAGM 1	Shurrer Speidd	~ ~	MAGAZ LNF NO.	-		Heavy clouds , Un	Unsuitable.
COURSE NO.							
STARTING TIME							
ENDING TIME					<u> </u>	DJAGRAM	
TIME OF EXPOSURE						FLYING COURSE : RED LINE	NE Contraction of the second s
DIRECTION						·· > ∕∕ v·	
EXPOSURE NO.			1				
TOTAL NO. OF SHEETS					1		
ron lide							

PROTOCRAPIJNC RECORD

PHOTOGRAPHING RECORD

	DATE OF FHOROGRAPHING	-	19 Mar 1981		TAKE-OFF : 11:00 LANDING : 12:40	FLIGHT 1 1:40	<i>FLY</i> I NG АКГТГИОН: 3120m
	WEATHER : Fine	& Cloud		CAMERA : F VALUE:	: RC - 8 152.46 FULTWN : Pan2X	X	
	DIAMIUAGM 1 6.8	SHULTER	1 1/300		MAGAZINE t 43 NO.		
<b>I</b>	COURSF NO.	BC - 5	FI	5		-After operation for L-1	l & 2 cloud appered
	STARTING TJMF	11 : 32	12:06	12 : 16			· · · · · · · · · · · · · · · · · · ·
	ENDING TAME	11 : 49	12 : 13	12:26		WYIDYTU	
<u> </u>	TIME OF EXPOSURE	0 : 17	0 : 07			FLYING COURSE : RMD LINE	
	DIRCTION	NE	ы	- M			
1	EXTOGURE NO.	4651 - 4697	4699 - 4716	4737 - 4719			L' State Ak
	TOPAL NO. OF SHER'S	47	18	19			
	. ON ILION	-1	-1	·			

DATE OF LIGTOGRAPHING	, 20 Mar 1981		TAKE-OFF 1 LANDING :		FLJGWF , HOUR	FLY ING ALT'T'UDE
WEATHER 1 CLOUD		CAMPILA : F VALUEL	ITA	i natur	ANA MEN	
i mənihinda	SHUTTER 1 STEUD 1	2 7	MAGAZ INE NO.		Stand-by at Puerto Lempira	) Lempira
COURSE NO.						
STARTING TIME						
EUNIUS SMLT					MANDALQ	×
TIME OF EXPOSURE					FLYING COURSE : RED LINE	INE
DIRECTION					:	Configuration
EXPOSURE NO.		1				
TOTAL, NO. OF SHEETS						
noll no.						~:;

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PHOTOGRAPHING RECORD

L	DATE OF PHOTOGRAPHIAG	21 Mar 1981		TAKB-OFF			F1.1 GITT t HOUR	FLY I NG ALTUTUDIS
<u>!</u>	WEATHER : Fine		CAMERA F VALUE		FLLWER :		ILEMARK	
	1 MONINALA	Situtear Isedd		MAGAZ I NH NO.			Repaired to leg of	of aircraft.
169 -	COURSF NO.							
<u></u>	AMIT DULTNATZ							
<u>-</u>	ENDINC TIME						DIAGRAM	8 
							FLYING COURSE : RED LINE	ING
<u> </u>	TIME OF EXPOSURE	ter						er
<u></u>	DIRECTION							N
. <u></u>	EXPOSURE NO.						1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	
	TOTAL NO. OF SHEETS							
	noi,b no.		, 1			·		

4 アンシリ ۱ 3170m . 3230m 1 1 1 3 Photography unacceptable. 6-28 EURIA •• FLY I NG ALT TTUDE 1 FLYING COURSE : RED LINE DJAGRAM REMARK 2:20 ••• F1, I GI I'I' 110UR I ч 5 Έ, Ĵ, 12:30 13:50 ** WALTE. TAKE-OFF :7:40 LANDING :8:40 05 85 ភ ភា 30 ---MAGAZ I NE NO . 14 •• •• .. មា F 4 m CAMERA 1 RMK A F VALUE, 152.58 13 72 13 0 48 90 18 48 4 l •• 1 4 •• .. SW 24 С В С 12 13 11 0 1/300 47 22 Mar 1981 23 29 06 16 ы ł 17 4 •• Strong wind .. •• 32 ω 0 •• ω SPEED SPEED 14 ភ ល 14 09 16A 18 3 I Ъ •• ** .. Ч ω 0 ω ---~ DATE OF FIGTOGRAPHING Fine TOPAL NO. OF SHEEPS 6.8 TIME OF EXPOSURE STARTING TIME EXIOSURE NO. DIAIPIRAGM : ENDING TIME COURSE NO. ---DIRECTION ROLL NO. WEATTIER

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ANTE OF FIGUOGRAPHING	23 Mar 1981	TAKB-OFF LANDING	<b>*</b> * • •	FLJGITY 1 HOUR	FLYING :
Fine & Clo	& Cloud , Strong wind	CAMERA : F VALUEI	ા પ્રાક્ષપ્રતાન્ક	HEMARK	a bi birna daga na daga
DLAFIIILAGM 1	Shurten Steud	MAGAZING NO.	-	No Flight - Stro	Strong wind
ต่อบแรก พว.					
STARTING PLANE					
ENDING TIME				DIAGRAM	
TIME OF EXPOSURE				FLYING COURSE : RED LINE	AB AND
DIRECTION				· · · · · · · · · · · · · · · · · · ·	A strategy of the strategy of
exiosure no.				ν	
TOTAL NO. OF SHEFTS					
נטויו, אס.					

: ŀ ì •• ţ 51113 #193 FLY ING ----Stand-by at Puerto Lempira Ë FLYING COURSE : RED LINE MANDALO HEMARK ŝ ž ---FL.IGHT HOUR 5 5 Έ, r Ravar --TAKE-OFF : MAGAZINE No. CAMERA 1 F VALUE: 24 Mar 1981 Strong wind ••• SHUTTER Speed . Cloud ~ DATE OF PHOTOGRAPHING TOPAL NO. OF SHEEPS ß TIME OF EXPOSURE WEATHER : Fine STARTING TIME EXPOSURE NO. ENDING TIME DIAININGM 1 COURSE NO. DIRECTION TOLL NO.

PHOTOGRAPHINC RECORD

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						,	 	, Calender	JC Internet	: :	
: 300717.14 S00717.14		Puerto Lempira			- - - - -	INF.		······································			<b>~~</b>
FLJGITT t HOUR	REMARK	Stand-by at Puertc			DIAGRAM	FLYING COURSE : RED LINE		- 	and a second and a		
	: NATTA						-				
TAKE-OFF LANDING	•	MAGAZINE NO.			1 • •				     	, 1 ,	
	CAMERA F VALUE					! * +		- <b></b>		, ,	
25 Mar 1981	: rain	1			1 • •				, , , , , , , , , , , , , , , , , , ,	, , , ,	
1 25	Cloud & Shower rain	SHUFTER									
POGINALTILNG	Cloud			MF						F SHEETS	
DATE OF HIOPOGRANIE	NEATTHER 1	DIA MIRAGM	COURSE NO.	STALTUR DUTUNA	ENDING TIME	فيستغده سيريم كمسترينا ربيته كمريض الإرديكم فتستغف	TIME OF EXPOSURE	DIRECTION	EXIVOSURE NO.	TOTAL NO. OF SHERTS	ион, но.
		<u>- 1</u> - 1	.73 -		I	!	1		<u>ا الم</u>		!

DATE OF FIGFOGRAPHING	1 26 Mar 1981		TAKB-OPP		FLJGIT FLJGIT I FLYING RAUTTUDE	
WEATHER 1 Cloud & S	Cloud & Shower rain	CAMERA 1 F VALUE1	-	FLLFRR 1	KIGMARK	
DIAMIRAGM 1	SHUTTER STEED		MAGAZ I NF		Stand-by at Puerto Lempira	ט
COURSE NO.						
STARTING TIME						
ENDING TIME					DIAGRAM	· · · · ·
TIME OF EXPOSURE					FLYING COURSE : RED LINE	Leven and L
DIRECTION						
EXPOSURE NO.					······································	U.S. 18
TUTAL NO. OF SHEERS						
поць но.					V~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

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RBCORD PILOTOGIAPILJNG

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	FLYING ALTTUDE	IUEMARK	Puerto Lempira			DIAGRAM	FLYING COURSE : RAD LINE				
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~ . × 6. ANNOTATION TO AERIAL PHOTOS

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2nd February, 1981

Nr. René Serrano

We wish to know the numbering system CBHPEFOR has been using in its aerial photographs, for, in our opinion, it will be conveniente for your organization to have coherent numbering thrugh all the aerial photographs including ones we are going to take for the project area.

Also we would like you to provide us a sample of aerial photo-index for information.

Your usual cooperation would be highly appreciated.

Yours sincerely,

Coordinator Joint Venture

cc: Mr. T. Imai Party leader 

APARTADO POSTAL 1378 TELS 22-7050, 22-8652, 22-8491 22-4348, 22-1027, 22-2613

Corporación Londureña de Desarrollo Forestal Tegucigatpa, D. C. Ionduras, C. A

Honduras, C.A. Tegucigalpa, D.C., march 17th of 1981 Oficio # SIFN GB+011-81

MF. TADANI INAI LEADER JAPANESE PHOTOGRAPHING MISSION

Dear Mr. Insi:

Hoping when you received this letter, you are feeling wall and healthy as always.

I decided to contact you, because we ravised the aereal photography copy proportionate; and we formulated the following suggestions:

- To title at the below part of screal photography all the localization information or file with number and letter about 3 millimaters size, and 1/2 millimaters of thickness ( Please see drawing attached ).

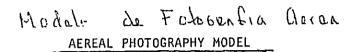
L - 1 1:20000 M-8102001 No.1

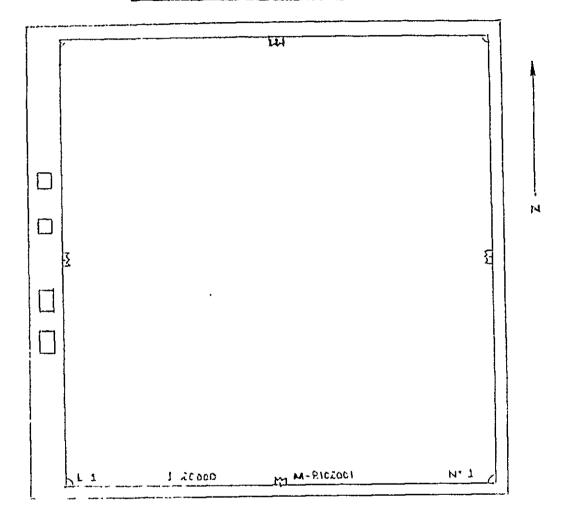
L = Flight Line Photom Scalem 1:20000 Mm Mosquitie 81m Year 02m Month of year 001mRoll number N.1mAereal photographed number

- To pake, if is possible all the instruments information at the left part of the aereal photography ( see drawing attached).

HOTE: is very important to take north direction for your orientation and have a better uniformity of each aereal photograhed.

LINEDHAL PROVECTO DARECTOR INVENTARIO cc:Gefencia de Bosques cc:Hy. Kota pawa (Faras) office) cc:fila osr. - 182 -





#### 7. COHDEFOR'S LETTER RELATED TO FURNISHING EQUIPMENT AND MATERIALS

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CION CABLEGRAFICA COHDEFOR" EX 1172 COHDEFOR 11T



APARTADO POSTAL 1378 TELS 22-7050, 22-6652, 22-8491 22-4346 22-1027

Corporación Hondureña de Desarrollo Forostal Tegucigalpa, D. C. Honduras, C. A

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382' F.

March 27, 1981.

We have recieved from Mr. Todami Imai, Leader of the Japanese Photographing Mission, JICA, two cars that will be used by japanese experts in La Mosquitia during the execution of the Forest Inventory Project.

Cars description:

 Toyota Hard Top Diesel 4x4 motor N^o 0411879 Serie N^o 000225 Color: Red

Toyota Hard Top Diesel 4x4
 Motor № 0411532

Serie № 000212 IRENA DE Color Mosthza 11 : t. CARLOS H. PINEDA Gerente Depto. de Bosques.

8. LETTER CONFIRMING TO THE FACT THAT FURNISHED EQUIPMENT AND MATERIALS ARE INSURED

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18th of February, 1981

Corporación Hondureña de Desarrollo Forestal

> Attention: <u>Sr. René Serrano, Coortinación</u> Distritos Forestales ^Vegión Oriental

Sir,

I wish to confirm if COHDEFOR is willing to pay for the cost of ensurance required for the two vehicles which have been agreed to be provided to your government.

If the cost is borne by your organization, we would like you  $\operatorname{Cicper}\operatorname{Mich}$  to confirm it in writing addressing to the Tayan International  $_{\Lambda}$  Agency.

The letter of confirmation you would prepare will be handed over to this Mission, who will handcarry it to the Tics, Tobuc.

Your early action would be alinus anneciated.

Your incerely,

KATAGAWA

Jananese Photographyina Hission Vember

cc: Hr. T. Imai, Leader, Japanese Fhotographing Mission cc: File IRECCION CABLEGRAFICA -COHDEFORR× ELEX 321-1172 COHDEFOR HT



APARTADO POSTAL 1378 TELS. 22-7050, 22-6652, 22-8491 22-4346, 22-1027, 22-2613

Corporación Hondureña de Desarrollo Forestal Requeigalpa, D. C. Honduras, C. A.

> <u>MEMORANDO</u> DSA/019/81

ING. RENE SERRANO PARA: COORDINADOR D.F. REGION OR YEN P.M. JULIO CESAR ESPÍNOZA DE: GERENTE SERVICIOS ADMANISTRATIVOS SEGURO VEHICULOS MISLON JAPONESA ASUNTO: FEBRERO 18, 1981. FECHA:

Enterado del contenido de su atenta y fechada este día, debo manifestarle que es una política de la empresa asegurar todos los vehículos de su propiedad, los que a ésta fecha se encuentran asegurados con la Compañia de Seguros "Aseguradora Hondureña, S.A."

En ésta nota suscrita por el Señor Kitagawa miembro de la Misión Ja ponesa nos está solicitando que si la empresa podría asegurar los dos vehículos que ellos necesitan para trabajar en el Proyecto de La Mosquitia. Debo manifestarie que si éstos vehículos quedan como pro piedad de la empresa al ser traspasados una vez que termine el traba jo de dicha misión japonesa, no veo ningún inconveniente para que no sotros procedamos a solicitar los seguros mencionados.

Notifique al Señor Kitagawa que perfectamente pueden hacer la adquisi ción de los vehículos y una vez que estén en su poder que lo hagan sa ber a nuestras oficinas para proceder a los trámites correspondientes.

Sin otro particular, me suscribo de usted.

Atentamente.

.c.c. Sub-Gerente General c.c. P.M. Victor López Sevilla.

18/2/8/

### 9. WRITTEN REQUEST FOR TRANSPORT OF FURNISHED EQUIPMENT AND MATERIALS

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#### MEMORANDO

- To : ING. RENE SERRAND COORDINATOR D.F.REGIDN ORIENTAL
- From : SR. TADAMI IMAI LEADER, JAPANESE PHOTOGRAPHING MISSION
- SUBJECT : SHIPMENT OF NEW VEHICLES TO PUERTO LEMPIRA

DATE : 10th of March, 1981

I would refer to my letter dated the 26th of January, 1981 concerning the vehicles to be provided later to your government.

On the 9th of March, 1981, we left one of the vehicles ("TOYOTA LANDCRUISER") with Agentia Bautista at Puerto Cortés so that you could have the agentia send it to Puerto Lempira as soon as possible.

The other vehicle (also "TOYOTA LANDCRUISER") is currently kept with the INFOP in Tegucigalpe, and this one should likewise be transported to Perto Lempira by Cohdefor after you insured it. The copies of the insurance policy of the vehicle will be sent to you when this is made available with us.

Your prompt action would be greatly appreciated, for, as you know well, it usually takes long time for the vehicle to reach Puerto Lempira by ship.

Yours sincerely, Vince 1.C.c. Tadami Imai

LEADER OF JAPANESE PHOTOGRAPHING MISSION

Copy to Mr.Y.Kitagewa, Mission member

5.P. : "TENOTA LANDERUISER" in the INFOP will be sent to Agentie Bautiste, Fuerto Cortés by us. : . . .

### 10. DOCUMENTS RELATED TO APPLICATION FOR EXTENSION OF SURVEY PERIOD

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Tegucigalpa, D.C., 20 de marzo de 1981.

Ling Cl. Cilco Arias Moncada, Rorena Conneral de COHDEFOR, Nudal.

for Charle General:

Tengo el honor de acusar recibo de su atento Oficio GO-062. 2 f. no 3 de marzo del corriente año, en el que se refiere a la nec did e al l'or el período de permanencia de la Misión Japonesa que está presto b activida a COHDEFOR en el Proyecto de Inventario Forestal en La Marco. in. o vista de que no ha sido posible finalizar el trabajo de la toma de corfía aérea debido al mal tiempo imperante en aquella zona, des la mota enviada a CONSUPLANE conteniendo la petición ofici-

· ión.

r respuesta, tengo el honor de informar al Seron
i mo japonés ha dispuesto prorrogar la permane sia el ser
i hala, sue de la Misión, y Yukihiko Kitagawa, Plassico de la
i hala, sue ouedan cumplir con los objetivos previstos par cial bi

. cos Fimertos restantes, señores Solchi Icl. auty Al...

1 decent la oport midad para reiterar al Sort Music
 r del consideración más discloquida.

Marian E. kiNJI IStliff... bajador dol Jajón

NRECCION CABLEGRAFICA «COHDEFOR» ELEX 321-1172 COHDEFOR HT



APARTADO POSTAL 1378 TELS 22-7050, 22-6652, 22-8491 22-4346, 22-1027, 22-2613

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Corporación Londureñn de Desarrollo Forestal Tegucigalpu D. C. Iondarar, C. A

AE-007/81 3 de merzo de 1981

General Gevente, COHDEFOR & ) のよのを使う。

Sefler Renji ishikawa Embajador dei Japón TEGUCIGALPA, B.C.

Estimado señor Embajador:

Camp es de su concelmiento, con la ayuda de su Gobierno, estamos reallzando el Proyecto de Toma de Fotografía Abrea en el Distrito Forestal La Masquitia: resulta que por rezones de mai tiempo en diche Región, ne ha sido posible cumplir con el calendario previemente eleborado pare que la Misión Japonese cumpliere con su objegivo, haciéndose necesario selleiter ampliación en el tiempo que la Misión regulare para cumplir su propósito.

Adjunto para su información copia da la nota enviada a CONSUPLANE, hoalendo la patición oficial de dicha aupliación; conscientes de que GONSUPLAME aprobará dicha solicitud, y a fin de agliizer las decisiones, mucho agradecarámes el Señor Embajador adalantar los trámitos respectivos ante su Gobierno.

Le salude-aux raspotuosamento.

MANUEL HERNANDEZ PAZ .'COORDINACIÓN DE ASISTENCIA EXTERNA

MiP/rsb Adjunto cc: Sub-Garencia General Garencia da Bosques Sr. T. Iazi, Jafa Misián Japonesa IRECCION CABLEGRAFICA "COHDEFOR." ELEX 321 - 1172 COHDEFOR HT



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Corporación Hondureña de Desarrollo Forestal Tegucigalpa, D. C., Honduras, C. A.

3月2月

SOG-010/81

Marzo 2 de 1981

Lic. Efrain Reconco Murillo Secretario Ejecutivo Consejo Superior de Planificación Económica Su Despacho

Estimado Llcenclado Murillo:

Como es de su conocimiento, con la asistencia de la Agencia Japonesa para el Desarrollo Internacional (JICA), estamos desarrollando en la actualidad un proyecto en la Hosquitia siendo la toma de fotografia alrea, su primera fase, y ejecución de inventario forestal de una Unidad de Manejo de 75,000 has. en la fase segunda.

Motivado por condiciones atmosféricas no usuales, las cuales han prevalecido en la Mosquitia durante la estadia de la Hisión Japonesa para la toma de la fotografía acrea, en esta oportunidad es inevitable solicitar la extensión del período para efecutar dicho proyecto

Hucho apreclaromos que el Señor Secretarlo Ejecutivo, prosiga el trámite ante la Embajada del Japón a fin de obtener la extensión referida en un esfuerzo por completar el proyecto de toma de la fotografía alrea en la Mosquitia, el cual desarrollomos en forma conjunta.

kuy atentamente, Jose Alberto Egulgitan Sub-gerente Generate ca: Ing. Hannel Hernandez/ cc: Ing. Carlos Pineda cc: Sr. T. Imal, Jefe Mision cc: Archivo

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11. WRITTEN REQUEST FOR REPAIRING A BRIDGE

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APARTADO POSTAL 1378 TELS. 22-7050, 22-6652, 22-8491 22-4346, 22-1027



Corporación Mondurvña de Desarrollo Forestal Tegucigalpa, DC Monduras. CA 3FCCI

GB/CDR0/050	MEMURANDO
т0:	MR. TAVAMZ THAT A PO THAT
FROM:	ILEADER, ISPANESEPHOSOGNAPHING MISSION ING. RENESSERED S Strand
SUBJECT:	REPAIR OF BRIDGE NEAR RUS RUS
DATE:	24th OF MARCH, 1981

Our intention is to start repairing the Rus Rus bridge by the 15th of April this year.

We hope to be able to do this job with the help of the Military Command based in the area.

Sincerely yours,

RSC/mte cc: File

DIRECCION CABLEGRAFICA

"COHDEFOR"

ELEX 321-1172 COHDEFOR HT -

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## 12. WRITTEN REQUEST FOR TRANSPORT OF EQUIPMENT AND MATERIALS FOR CONTROL POINT SURVEY

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-• MEMORANDO

- TO : ING. RENÉ SERRANO COORDINATOR D.F.REGION ORIENTAL
- From : SR. TADAMI IMAI LEADER JAPANESE PHOTOGRAPHING MISSION
- Date : 26th of March, 1981

SUBJECT : ASSISTANCE FOR TRANSPORTATION

As to the field survey teams of Japan coming in to Honduras for Forestry Inventory Project, we would like to inform you of their departure from Tegucigalpa which will take place shortly after their arrival at the capital of this country.

The JMR-survey team above all will be heavily equipped ith various survey tools and instruments. In order to send the teams to the project area efficiently along their work schedule, we wish you would assist them by providing _______ flight service whenever necessary.

We would feel certain you would agree to our request, and your confirmation in writing would be most appreciated.

Always appreciating your attention and cooperation,

Yours sincerely, Tuterin Accel Tadami Imaí JAPANESE PHOTOGRAPHING MISSION LEADER

Copy : Sr.Y.Kitagawa, Japanese mission member

