U. S. NAVY FLIGHT FORECAST

UPNAY FURM 3140/25 (Rev.	10-09)	5/ r	1+0107+712+9001				
FORECASTING ACTIVITY FLEWEAFAC PENSAG	OLA, FLORIDA	FOLDER NO. 46-70					
TIME ISSUED	6/14/70	AGC J. Jannin					
LTCOL. TAYLOR		AIRCRAFT BUNO C-117 17149					
DEPARTURE POINT	ETD	DESTINATION	ETA				
PENSACOLA, FLA.	1530Z	EL TORO, CALIF.	0100Z				
INTERMEDIATE STOPS 1. NONE		6/15/70					
3.		4.					
MOB-HOU-SAT-ELP-	TUS-YUM-NZJ						
	FOLDER IN	CLUDES					
DD FORM 175-1	NO.						
HWD CHART	vt 14/2015Z						
UPPER WINDS CHART	VT 1//20152	10 000 PT					

FORECASTER'S REMARKS

NOTES ON HORIZONTAL WEATHER DEPICTION (HWD) CHARTS

- 1. Areas of significant cloudiness are defined as those of five-eighths or more coverage and all cumulonimbus.
- 2. All cloud amounts are entered in eighths. Bases and tops of clouds and hazards to flight are entered in hundreds of feet above mean sea level, e.g.
 - 6 cu $\frac{50}{30}$ Six-eighths of cumulus, base 3000 feet, tops 5000 feet
- 3. The zero degree celsius isotherm is entered where it intersects the surface, 5000 feet, 10000 feet and 15000 feet.
- 4. Consult latest advisory for official position of tropical disturbances.

	HWD (CHART SYMBOLS			ENROUTE FLIGHT LOG				
$\overline{\psi}$	RED	LITE RIME ICING	GRN	RAIN & SNOW (MIXED)	RECORD ALL SIGNIFICANT WEATHER ENCOUNTERED AND ANY MAJOR DEVIATIONS FROM FORECASTED				
₩	RED	MDT RIME ICING	GRN	SNOW	CONDITIONS.				
ÜР	RED	HVY RIME ICING	GRN	SNOW SHOWERS	POSÍTION	TIME	ALTITUDE	SIGNIFICANT WEATHER	
\tilde{A}	RED	LITE CLEAR ICING	YLW	FOG					
₩	RED	MDT CLEAR ICING	RED	HAIL					
Ж	RED	HVY CLEAR ICING	RED	THUNDERSTORMS	-				
\wedge	RED	LITE TURBULENCE	•						
^	RED	MDT TURBULENCE	→ BRN → GRN	BLOWING DUST/SAND BLOWING SNOW					
♠	RED	SEV TURBULENCE		ICE PELLETS (SLEET)					
		~		FREEZING RAIN					
XTRM TURB	RED	EXTREME TURBULENCE	-	SQUALLS					
///	GRN	RAIN JĽ		WATERSPOUT/TORNADO					
❖	GRN	RAIN SHOWERS	•	LIGHTNING	,				
		,		ABBREVIATIONS					
	BLU	COLD FRONT	-			.,,			
	RED	WARM FRONT	AC	ALTOCUMULUS					
	RED.	QUASI-STATIONARY FRONT	AS	ALTOSTRATUS					
1 - 1	BLU	ACCLUBED EDOLT	CB	CUMULONIMBUS CIRROCUMULUS					
	PUR	OCCLUDED FRONT	CI	CIRRUS					
	BRN	TROUGH	cu	CUMULUS					
	CNG	INTER-TROPICAL CONVERGENCE ZONE	cs	CIRROSTRATUS					
_ •	RED	LOW PRESSURE CENTER WITH	NS	NIMBOSTRATUS	İ				
1004		CENTRAL PRESSURE	sc	STRATOCUMULUS					
1022	BLU	HIGH PRESSURE CENTER WITH CENTRAL PRESSURE	ST	STRATUS					
		DIRECTION AND SPEED OF MOVEMENT	TCU	TOWERING CU					
	-	IN KNOTS							
	PUR	INSTABILITY (SQUALL) LINE	BLO						
	BRN	LINE OF FLIGHT	CLD	CLOUD	1				
	BLK	BOUNDARY OF CLEAR AIR TURBULENCE OR OTHER WW	CNS						
\sim		BOUNDARY OF AREA OF	DCR						
4 · L	BLK	SIGNIFICANT CLOUDINESS	FNT						
50	GRN	O° ISOTHERM WITH HEIGHT	FRQ						
(RED	TROPICAL DISTURBANCE	GRA		İ				
	UPF	PER AIR CHART SYMBOLS	INC	RS INCREASING					
			ISL	TD ISOLATED					
BL	BLK	HEIGHT CONTOURS WITH HEIGHTS IN TENS OF MTRS	LYR	LAYERED					
		ISOTACHS INDICATING WIND	NUM	NUME ROUS					
50KT	GRN	GRN SPEED IN KNOTS	OCN	OCCASIONAL					
('		ISOTHERMS OF TEMPERATURE	SCT	SCATTERED					
-8	RED	IN DEGREES CELSIUS	UNK	UNKNOWN					
	PUR	JET STREAM AXIS	ACM.	Y VICINITY					
NL -					THIS FORM MUST I	BE TURNED II	N AT WEATHER SERV	VICE OFFICE OR OPERATIONS DESK AT	
	BLK	WIND DIRECTION AND SPEED ARROWS			DESTINATION.		SERVICE SERV	THE STATE OF OFERNATIONS DESK AT	
		2			.,			3 A-1128	



OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

OPERATIONS OFFICER
FLEET WEATHER FACILITY
NAVAL AIR STATION
PENSACOLA, FLORIDA 32508