



53rd Weather Reconnaissance Squadron 2011 Hurricane Season – Ops Review



Lt Col Jon Talbot

Integrity - Service - Excellence



Season Comparison For Tasking

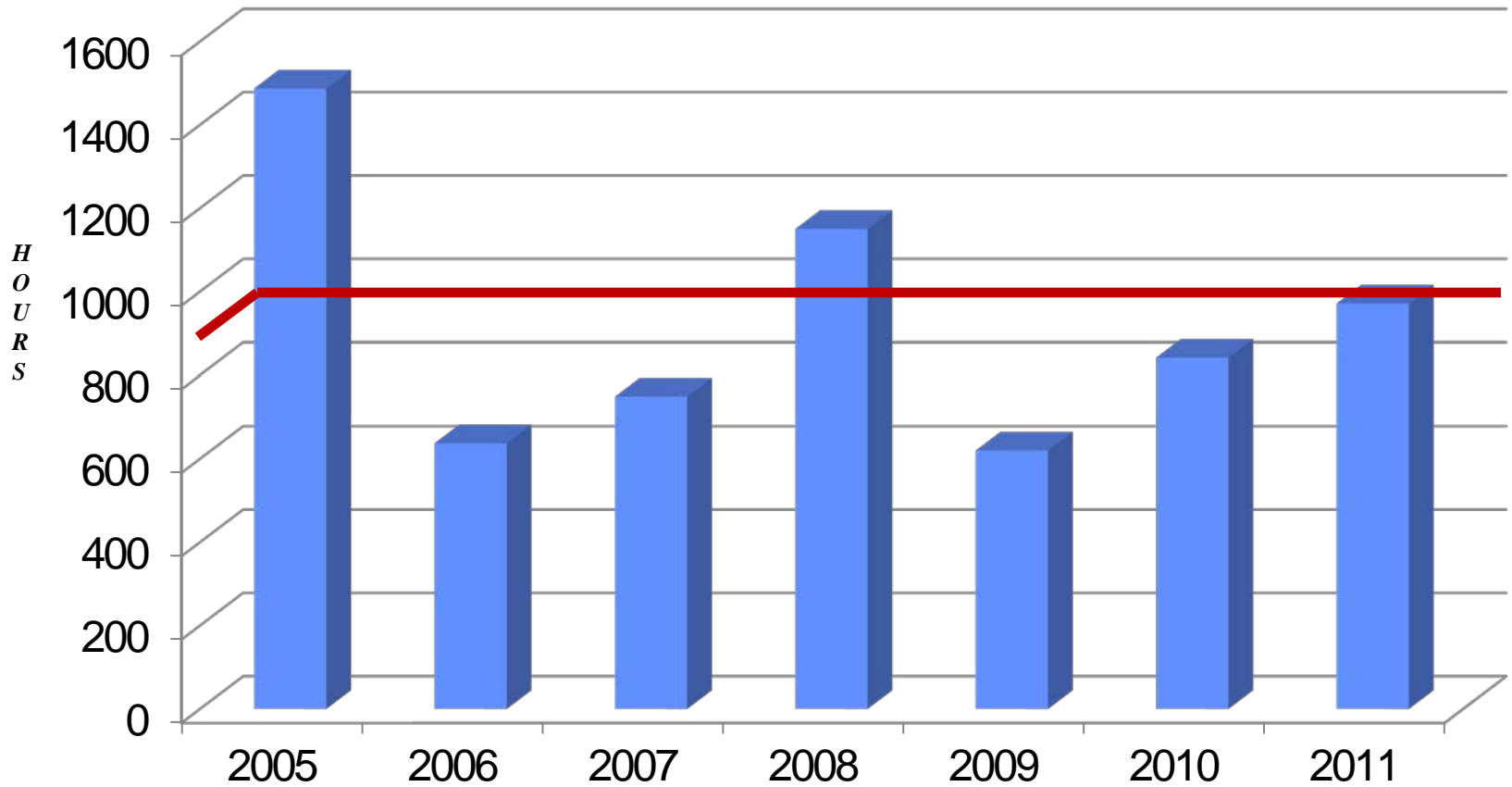


	'06	'07	'08	'09	'10	'11
TASKED	125	139	244	104	232	191
CANCELLED	41	63	60	44	85	59
REQUIRED	84	76	184	60	147	132
ACCOMP	84	74	183	59	142	130
RELIABILITY	100%	97%	99%	98%	97%	99%

Integrity - Service - Excellence

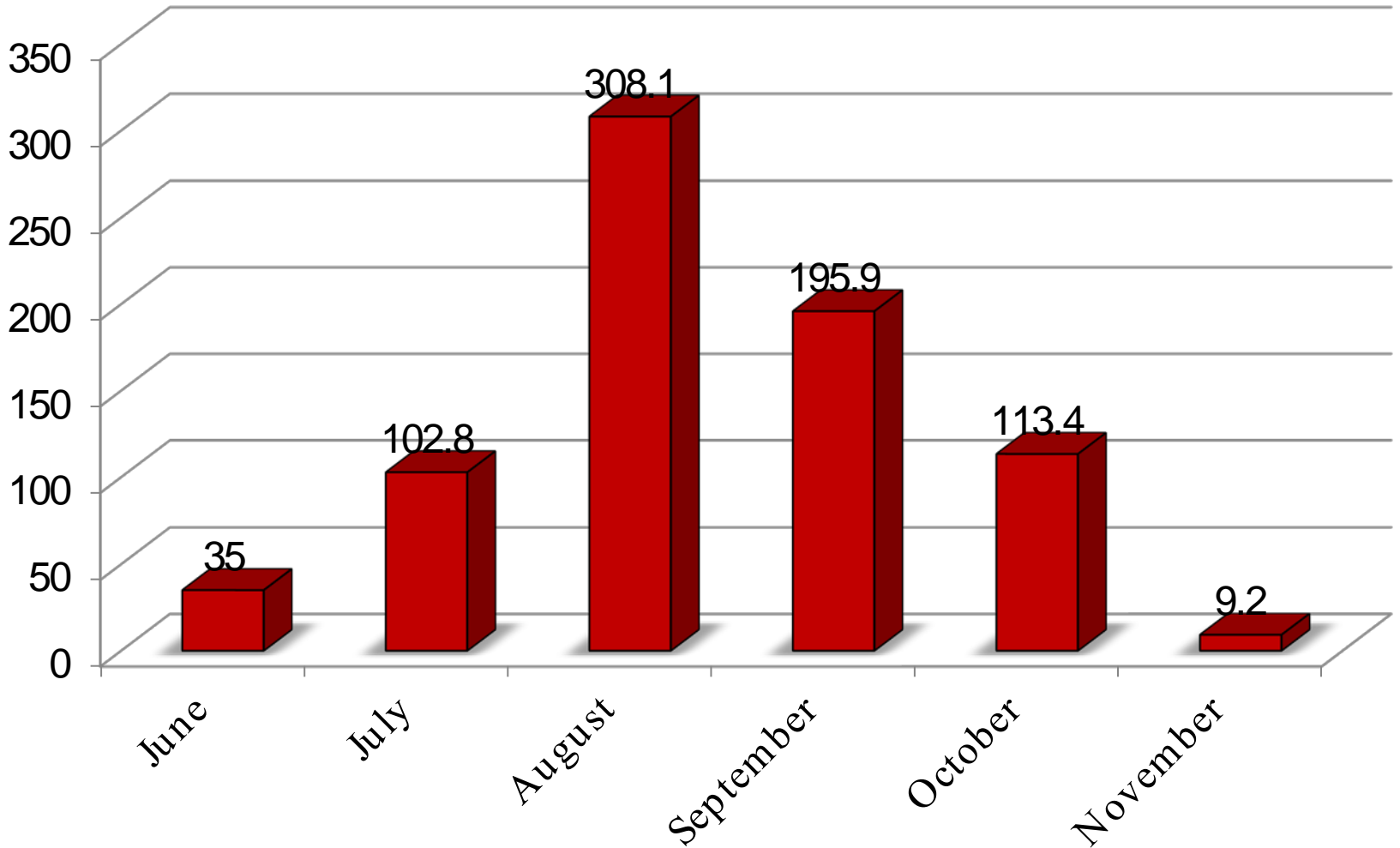


NHOP Flight Hours



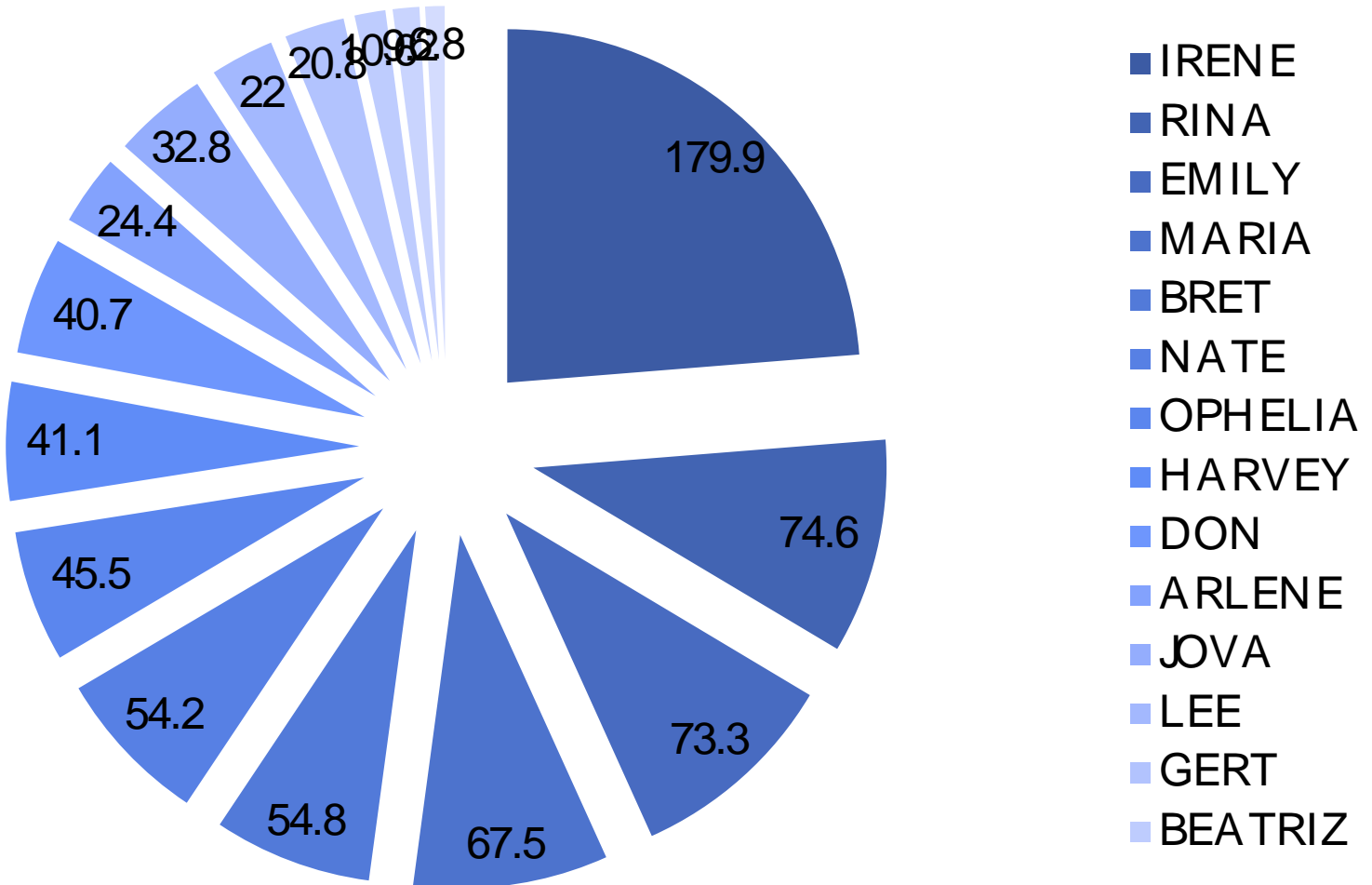


53rd Flying Hrs by Month



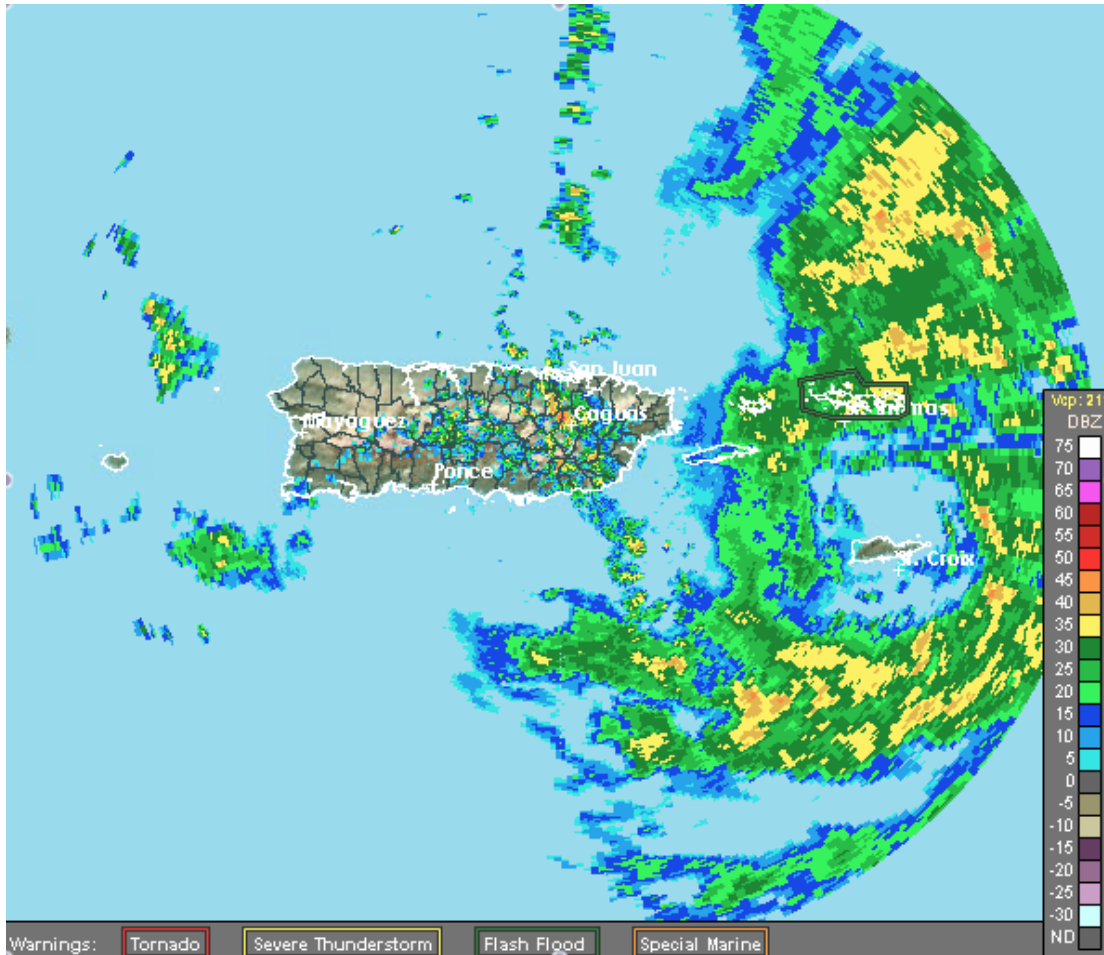


Hours of Flying Hours by Storm





Luck is part of the Game

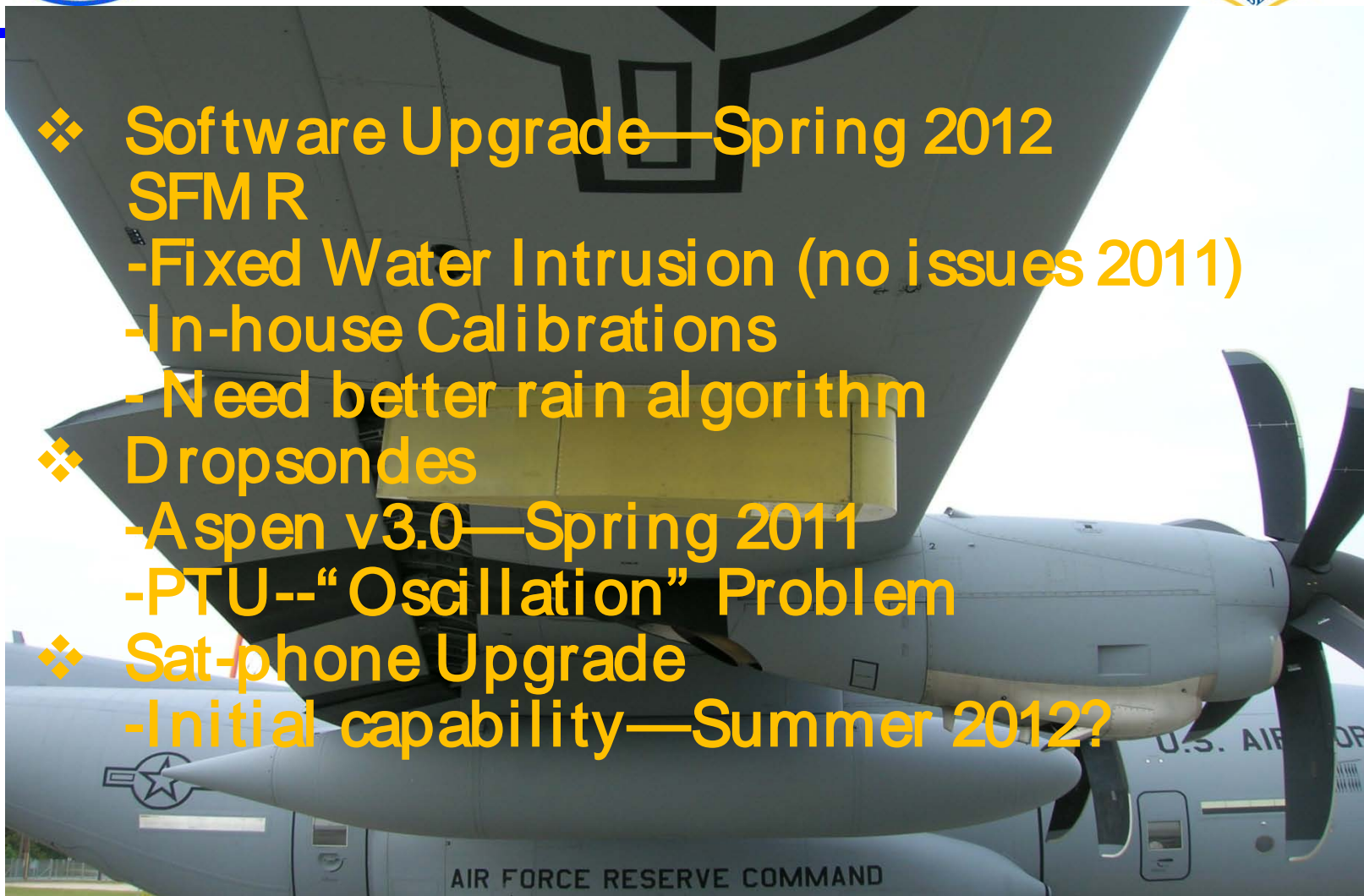




Technological Improvements



- ❖ Software Upgrade—Spring 2012
SFM R
 - Fixed Water Intrusion (no issues 2011)
 - In-house Calibrations
 - Need better rain algorithm
- ❖ Dropsondes
 - Aspen v3.0—Spring 2011
 - PTU--“Oscillation” Problem
- ❖ Sat-phone Upgrade
 - Initial capability—Summer 2012?





AXBT's



- ❖ Started 3yr test program 2011 Season
- ❖ Current launch system marginal but usable at 10Kft or below
- ❖ Navy provided data operators and portable receivers

- ❖ Expect operations to continue 2012/13
- ❖ Utility for hurricane operational models will be determined after 2013 season



AXBT Launcher





Bouys loaded





Public Affairs



- In-House**
- Static Displays**
- School Visits**
- Media Flights**
- Aero India**
- CHAT**





U.S. AIR FORCE RESERVE