



**53rd Weather Reconnaissance Squadron
2013 Hurricane Season – Ops Review**



Lt Col Jon Talbot
Interdepartmental Hurricane Conference
Tropical Cyclone Research Forum
3-6 March 2014



Integrity - Service - Excellence



Season Comparison For Tasking

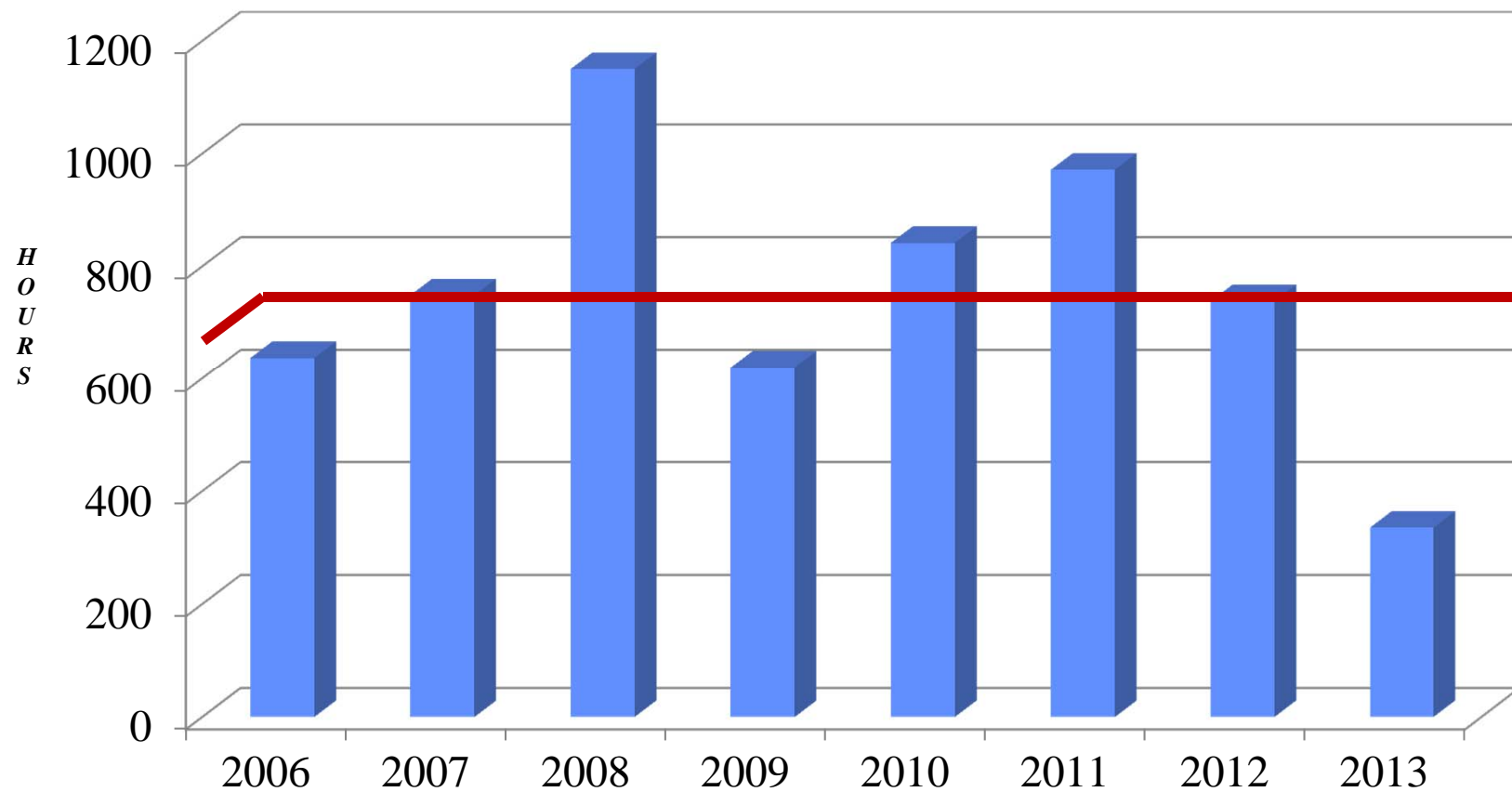


	' 09	'10	'11	'12	'13
TASKED	104	232	191	162	103
CANCELLED	44	85	59	36	61
REQUIRED	60	147	132	126	42
ACCOMP	59	142	130	125	42
RELIABILITY	98%	97%	99%	99%	100%

Integrity - Service - Excellence

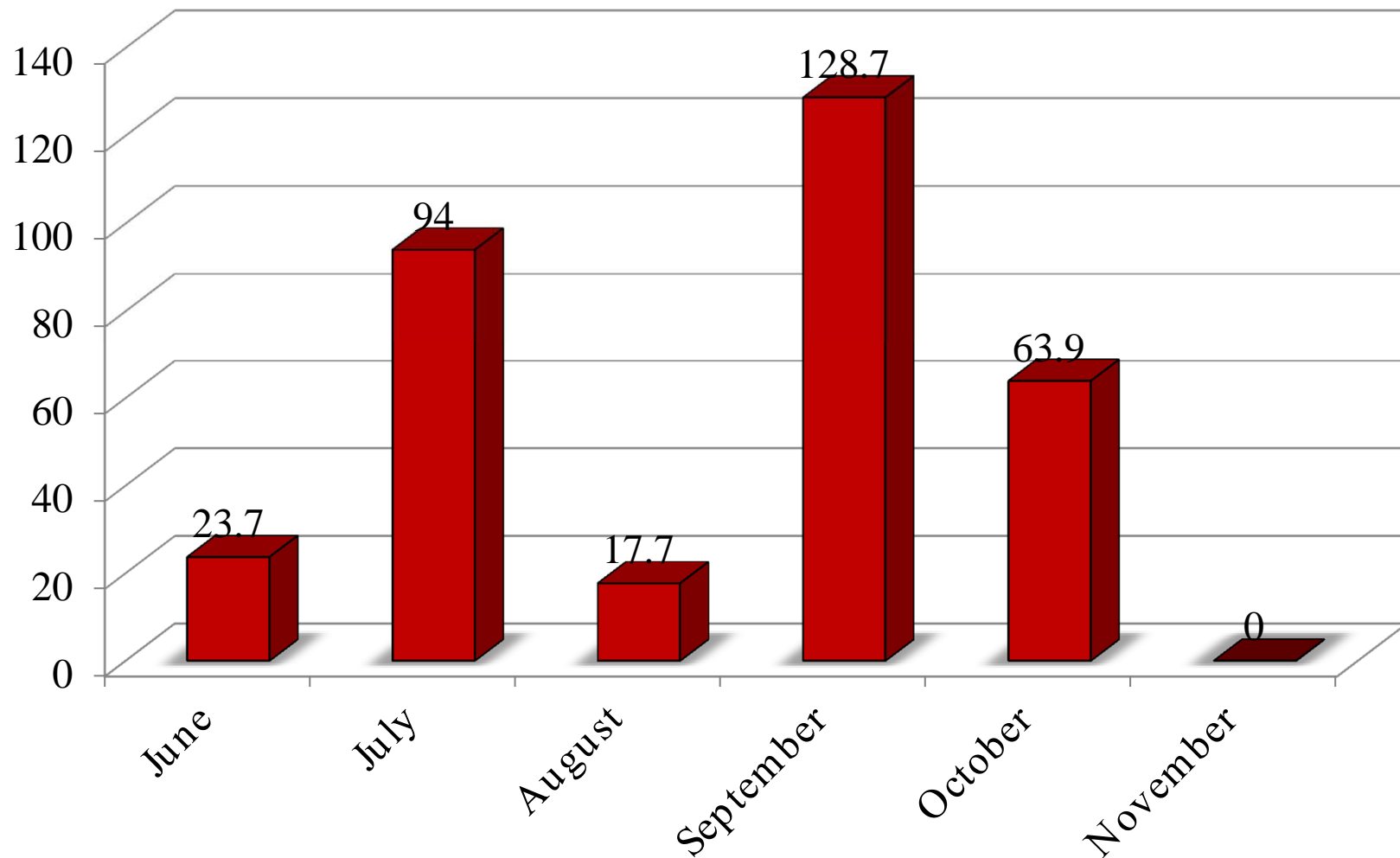


NHOP Flight Hours



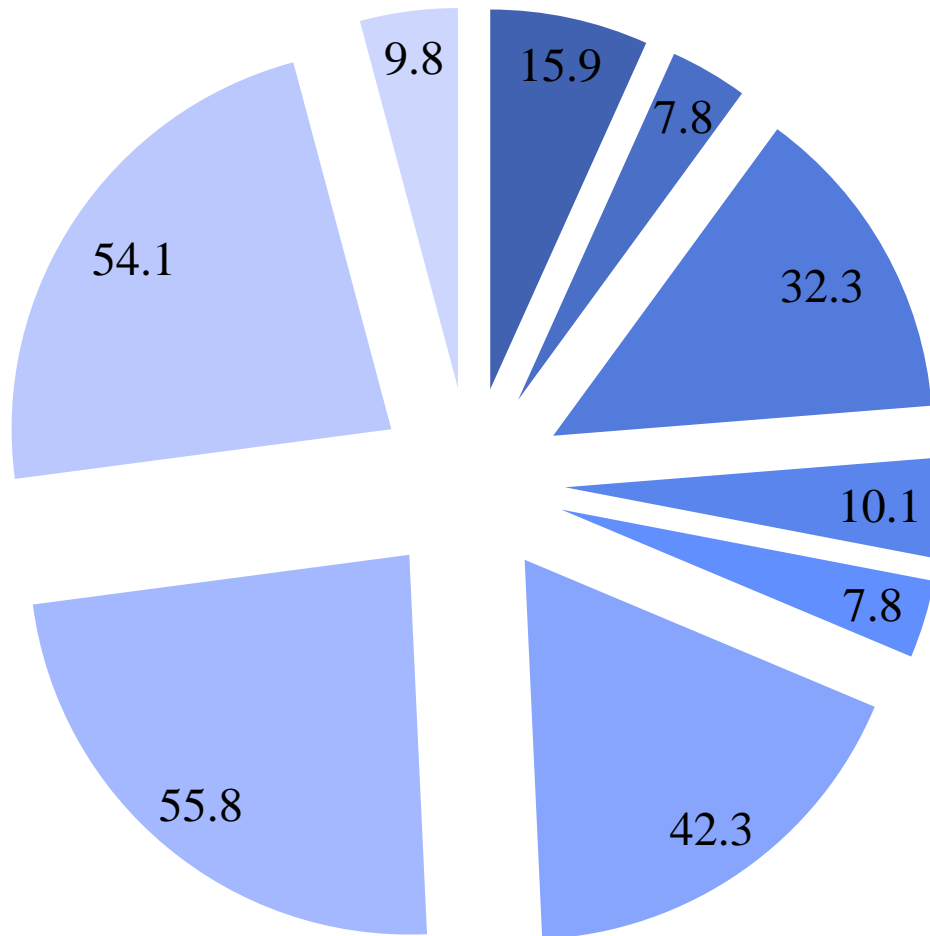


53rd Flying Hrs by Month





Hours of Flying Hours by Storm



- Andrea
- Barry
- Chantal
- Dorian
- Fernand
- Gabrielle
- Ingrid
- Karen
- Raymond



Sequestration and impact



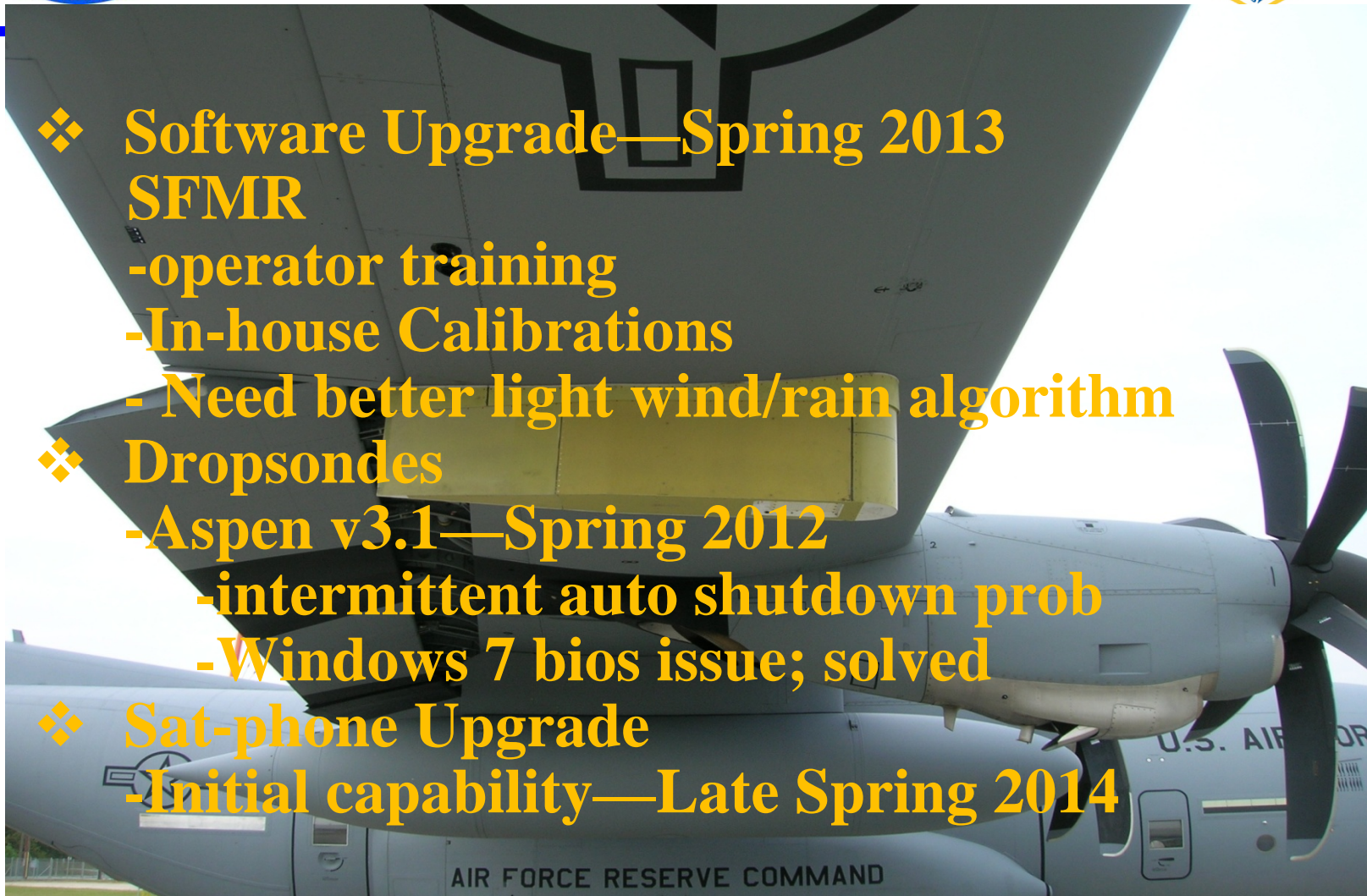
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- **Cancelled CHAT**
 - **6 Furlough days July-Aug, minimal impact to operations**
 - **Govt Shutdown in Oct- deemed essential, minimal impact**



Technological Improvements



- ❖ **Software Upgrade—Spring 2013**
SFMR
 - operator training
 - In-house Calibrations
 - Need better light wind/rain algorithm
- ❖ **Dropsondes**
 - Aspen v3.1—Spring 2012
 - intermittent auto shutdown prob
 - Windows 7 bios issue; solved
- ❖ **Sat-phone Upgrade**
 - Initial capability—Late Spring 2014





AXBT's



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- ❖ 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 2013
 - ❖ Utility for hurricane operational models will be determined after 2013 season(Delayed)
 - ❖ Extension request submitted 2014-2016



AXBT Launcher





Bouys loaded

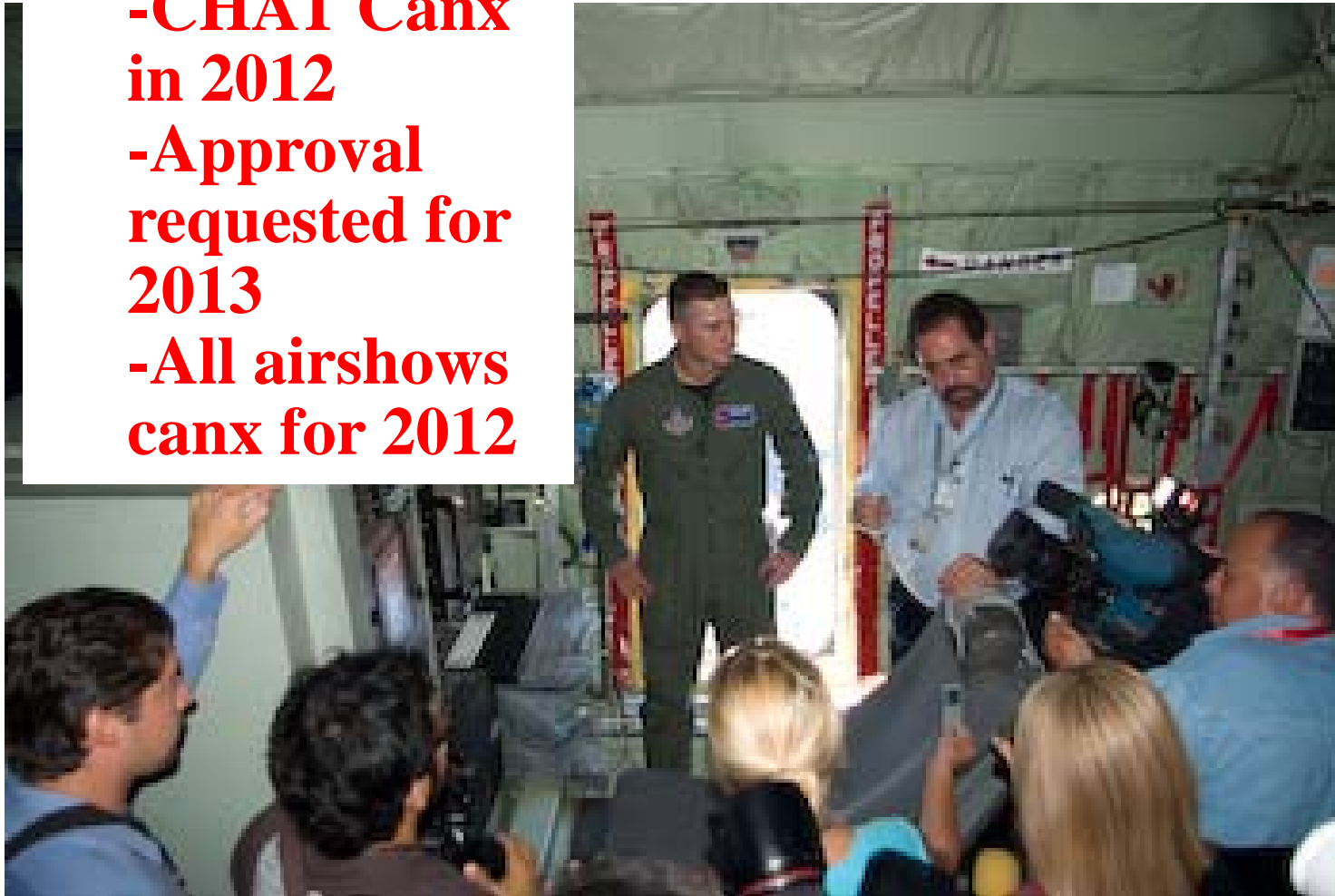




Public Affairs



- CHAT Canx
in 2012**
- Approval
requested for
2013**
- All airshows
canx for 2012**



www.hurricanehunters.com



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