

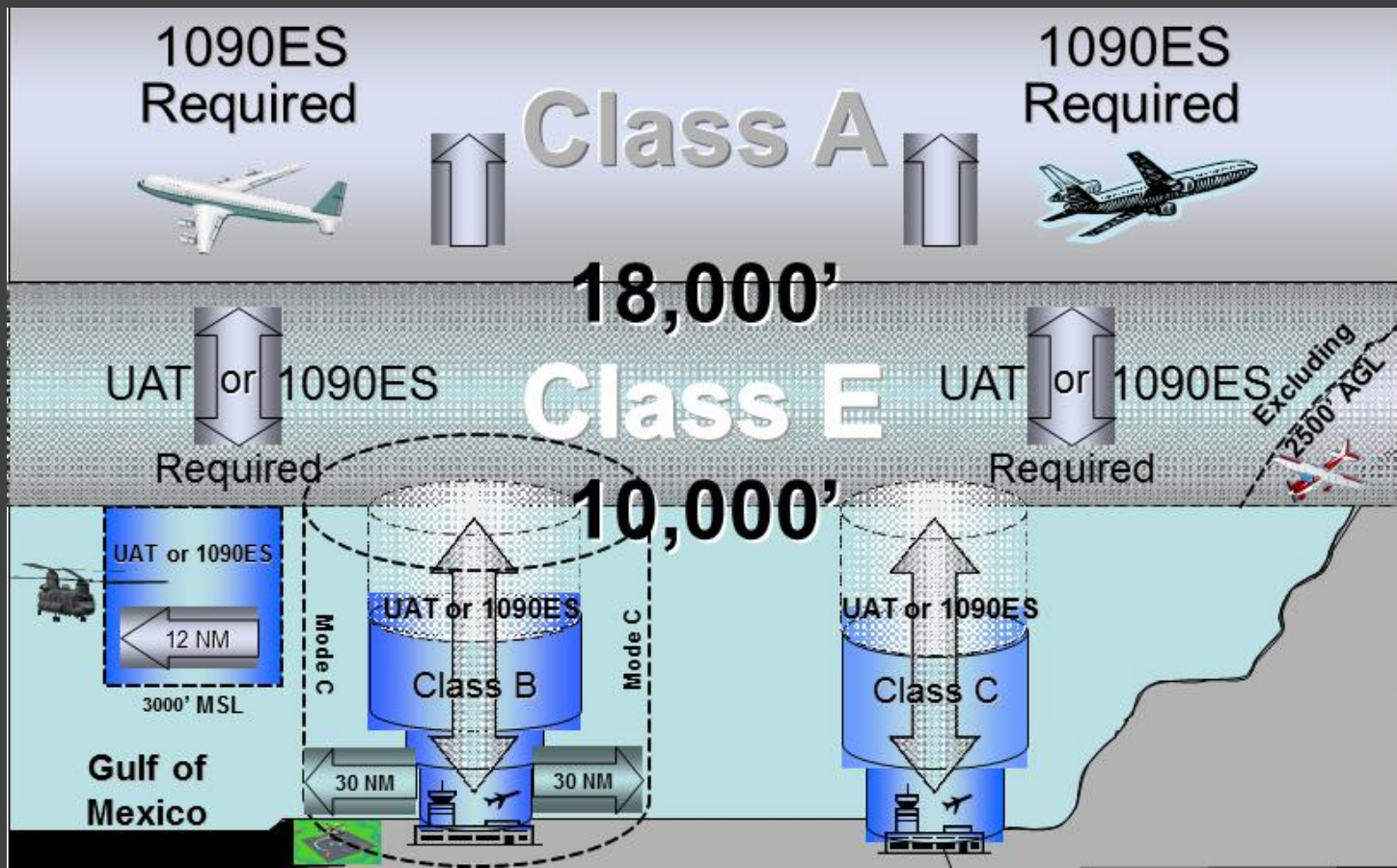


Is Everyone Ready for ADS-B?

Alexander Craig – AvRisk
Chuck Wade – Rockwell Collins
Joe Zulueta – Aeronautical Systems

November 14, 2018

ADS-B Mandate



Implementation Mandate Jan 1, 2020 – Only 412 Days Left!

Compliant Aircraft Update

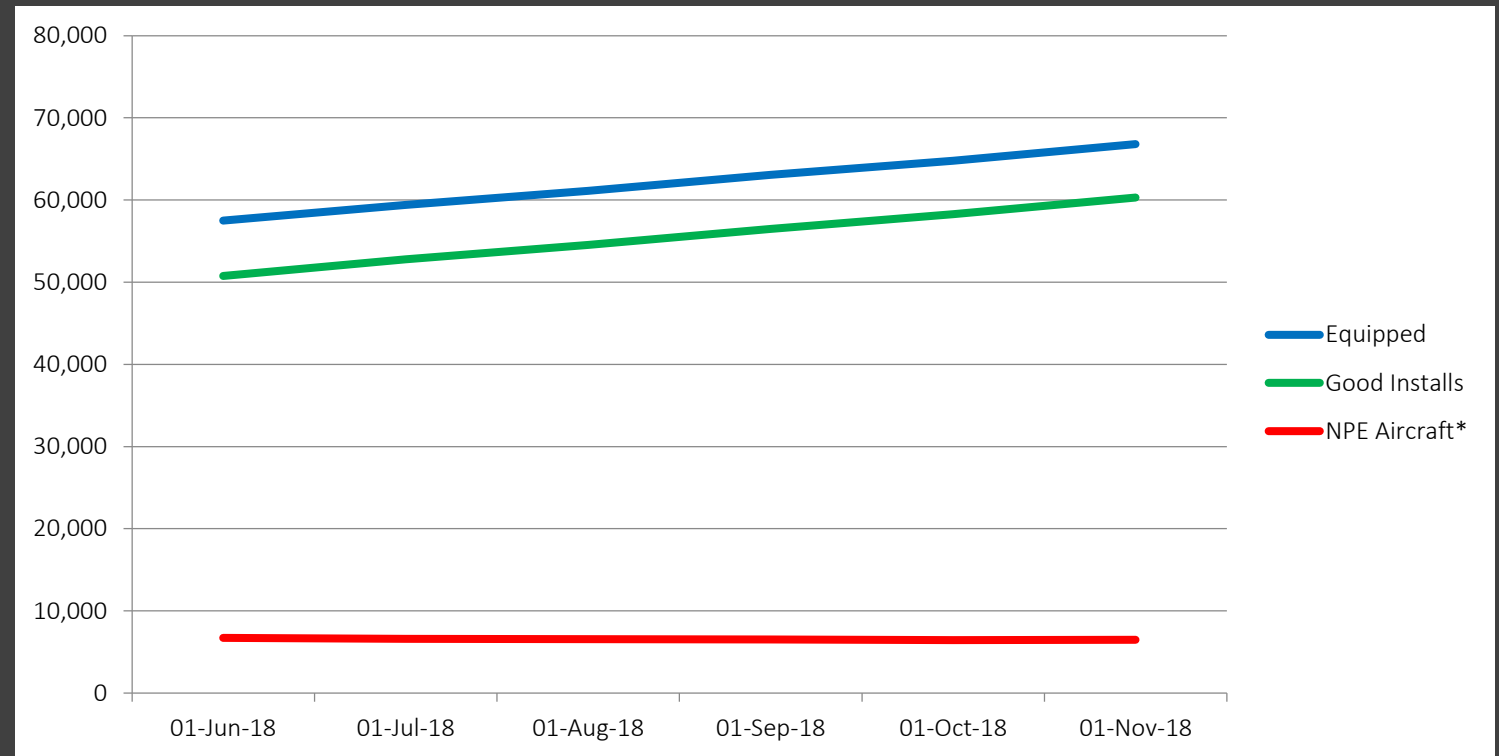
<u>Aircraft Type</u>	<u>Compliant</u>	<u>Total</u>	<u>% Compliant</u>
• Jets	7,477	14,320	52.2%
• Turboprops	3,591	12,149	29.6%
• Helicopters	1,968	13,866	14.2%
• Piston	<u>35,793</u>	<u>204,191</u>	<u>17.5%</u>
Totals	48,829	220,228	22.2%

Source: Duncan Aviation, JETNET

Implementation Mandate Jan 1, 2020 – Only 412 Days Left!

FAA Current Equipage Levels

- 66,803 Equipped (30.3%)
- 60,288 Good Installs (90.2%)
- 6,479 NPE (9.7%)

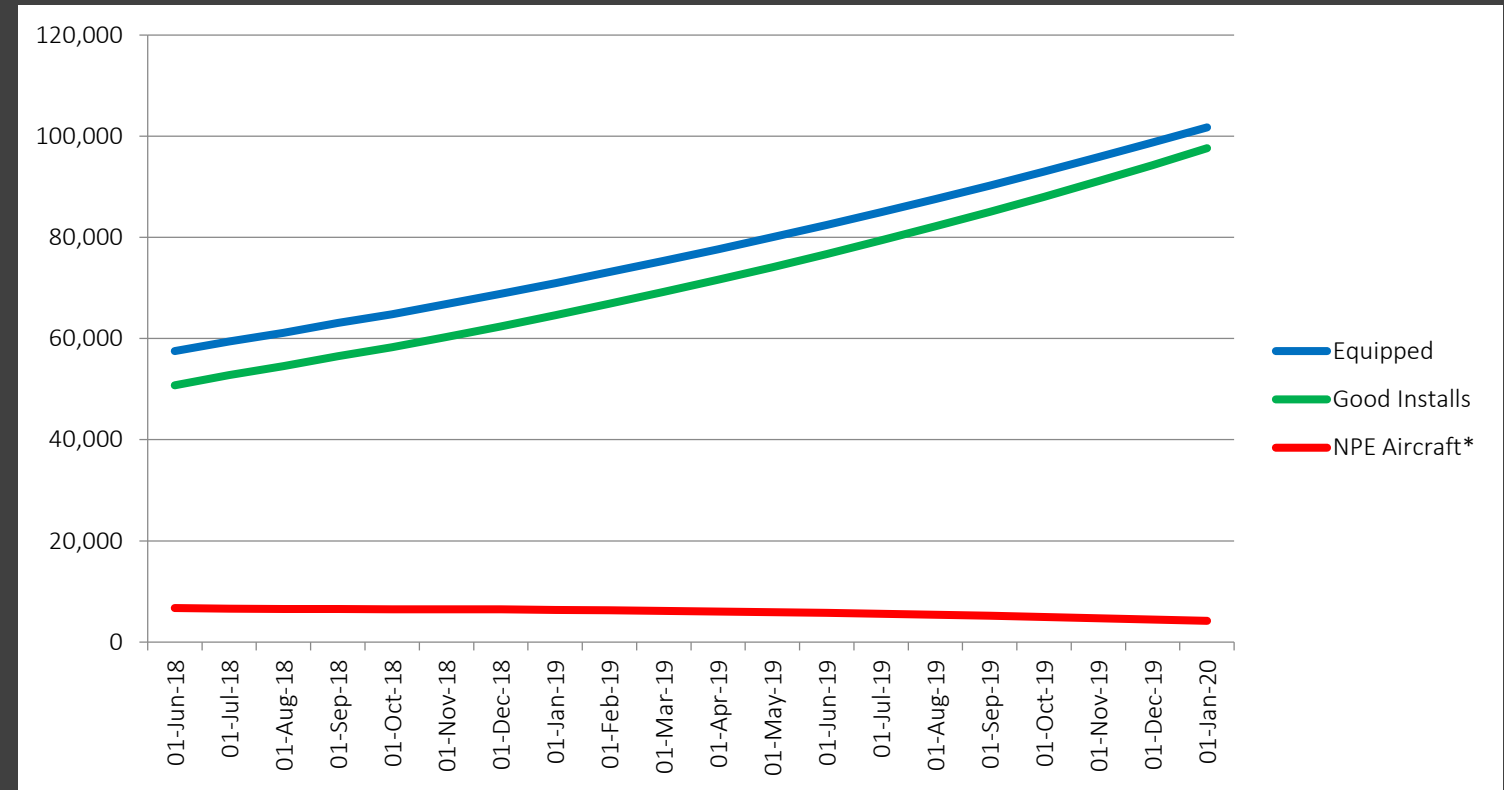


Source: FAA

Only 30% Compliance as of November 1, 2018

Forecast Equipage on January 1, 2010

- 101,749 Equipped (46.2%)
- 97,581 Good Installs (95.9%)
- 4,168 NPE (4.1%)



Source: FAA, AvRisk analysis

Current Implementation Rate only Achieves 46% Compliance

Why Should I Upgrade Now?

1. Deadline awareness is increasing for aircraft operators – **IGNORED**
2. Operators ~~may~~ face lengthy delays if they wait to the last minute - **WILL**
3. Backlog crunch at installation facilities – **NOW A REALITY**
4. Possible component shortages – **NOW HIGHLY LIKELY**
5. Possibility of more expensive installation prices – **NOW A CERTAINTY**
6. Non-compliant Aircraft will be grounded January 1, 2020 – **REALITY!**
7. Significant decrease in residual valuation of non-compliant (and un-airworthy) aircraft - **BECOMING MORE EVIDENT EVERY DAY**

The Clock is Ticking... Only 412 Days Left!