



# ARE YOUR APUs BURNING PROFITS?

UNNECESSARY APU USAGE  
BURNS EXCESS FUEL THAT  
LEAKS PROFITS STRAIGHT  
FROM YOUR BOTTOM LINE.

APU use may seem like a trivial expense; however, when not monitored and controlled, it can add up to significant operational costs that can be easily avoided.

## Put AFIRS to work on your fleet and get a “REAL-TIME” handle on APU use.

Have remote situational awareness of all of your APU usage no matter where your aircraft are in the world. With AFIRS your operation center receives real-time notifications of APU over-use as soon as it occurs, day or night.

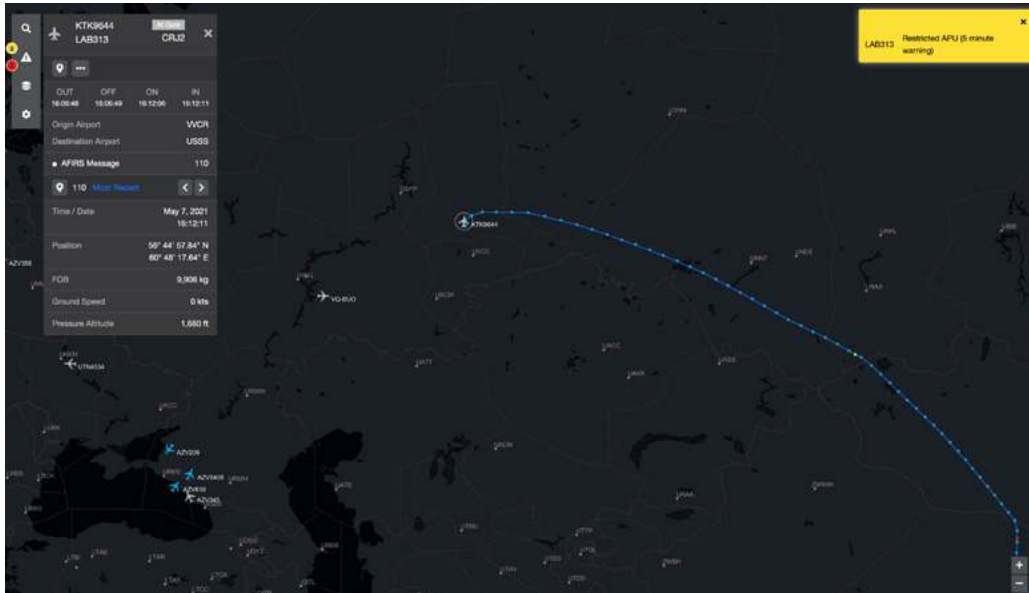
**You can fully configure your APU notifications using the AFIRS over-the-air, remote customization function to manipulate reporting parameters such as:**

- **Geo fencing**
- **Airport specific**
- **Time of day**
- **Graded levels of exceedance**  
(e.g., 30 minutes amber, 45 minutes red)

# Customize your APU notifications and alerts to fit your organization

Alerts and notifications for when an APU exceeds your uniquely-tailored specifications can be sent via email to specified personnel, at specified sites, and at specified times. Notifications can also follow an escalation path to key personnel based on operating rules that you set. In addition to email, these alerts and notifications can be pushed to airline-provided tools and systems using an API.

Notification can also be sent and viewed on FLYHT’s ASD FLYHTMap as illustrated below.



## Use AFIRS to drive real-time operational savings

If not properly tracked and controlled, an unchecked APU can burn fuel and profits. The chart below illustrates how quickly fuel consumption over time can escalate your operating costs.

Aircraft Type	APU Fuel Burn lbs/h	Avg AC Cycles per Year	Avg APU cycles per AC Cycle	Avg APU RT per APU Cycle (hr)	APU Fuel burn per Aircraft per Year
CRJ 200	220	1850	2	0.2	42,774 USD
B737	243	1850	2	0.2	47,246 USD
B757/B767	253	1250	2	0.2	33,237 USD
A320	278	1850	2	0.2	54,051 USD
A330	463	1250	2	0.2	60,824 USD
B777	688	1250	2	0.2	90,383 USD

\*Based on internal results and industry data such as IATA who have accumulated data from OEMs and airline customers.

Costs associated with APU run-time go beyond just fuel burn; other factors contribute to cost overages such as warranty impact, MTBF tracking results, and even other power-by-the-hour contractual relationships.

By being instantly aware and notified of APU overages your organization is easily able to control the costs that are readily controllable and achieve an easy ROI on real-time APU alerts and actions.

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