



Lockheed Martin Flight Services
An FAA Authorized Flight Service Provider

ACAS. Adverse Condition Alerting Service. DeLorme inReach



Lockheed Martin is engaged in a multi-year effort to introduce new technology and capabilities into the Flight Services operational environment that improve safety and efficiency for the General Aviation (GA) community. As part of this effort, **the Adverse Condition Alerting Service (ACAS) has been implemented for DeLorme inReach 2-way satellite communicators.**

The ACAS addresses pilot awareness gaps due to the timing of briefings and other communications. By regulation, pilots are required to be aware of all meteorological or aeronautical information pertinent to their flights. Pilots typically obtain a briefing over the phone or via the internet some time before a flight. Pilots may also obtain an updated briefing when they call to activate. However, as soon as a briefing is completed, new or modified safety critical conditions can arise, such as a severe weather forecast or observation, an airport closure, or a temporary flight restriction.

The ACAS addresses this deficiency by monitoring flight plans continuously from the time they are filed until the time they are closed. Any new or modified adverse condition information is sent to the pilot. Email and text messages are used to deliver the alerts during the preflight phase; cockpit satellite communications devices are used during the in-flight phase. Several vendor devices are now supported, with more being added.



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Pilots who register online & opt-in for ACAS via LM Flight Service's Pilot Web Portal will receive alerts of adverse conditions specific to their filed flight plans via text, email, to/from devices like inReach.

LM Flight Services monitors your flight plans for new Adverse Conditions that arise after you receive a briefing. Set your preferences to receive aeronautical & weather Condition Alert Notifications for your FP's. Alerts for IFR FP's can be provided for adverse conditions until 30 min. prior to departure time.


Per FAA Order 7110.10, Adverse Conditions are defined as:

- Temporary Flight Restrictions (TFRs) & Airport/Runway Closures (AA)
- SIGMETs (WS) & Convective SIGMETs (WST)
- Center Weather Advisories (CWA) & AIRMETs (WA)
- Urgent Pilot Reports (UUA) / Special AIREPs (ARS)
- Severe (formerly Aviation) Weather Watches (AWW) & Severe Weather (WW)

The additional alerts and 2-way notifications you can elect to receive via inReach SE are:

- Preflight Alerts for a flight plan are sent to contact(s) BEFORE you activate the flight plan.
- Inflight Alerts for a flight plan are sent to contact(s) AFTER you activate the flight plan (VFR only).
- EasyActivate™ Service sends an Email to the specified contact(s) 30 minutes before the Estimated Time of Departure (ETD) to allow activation of the flight plan via a URL link in the Email. The EasyClose™ Service sends an Email 30 minutes before the Estimated Time of Arrival (ETA) to allow closure of the flight plan via a URL link in the Email.
- SAR Alerts and Notifications are only sent when you have a registered position reporting device. SAR Notifications are sent when the system begins and terminates position reporting for a particular flight plan. SAR Alerts are sent when the system detects that your aircraft has stopped moving, stopped reporting, or if an emergency signal has been received.

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Welcome donnie.hatch@delorme.com Tue Apr 29 05:31:52 GMT-0700 (Pacific Standard Time) | 12:31

User Aircraft Display Settings Alerts & Position Reporting Devices Service Provider Aircraft & Favorite Plan Sharing

Alerts & Notification Contact Information

You can choose to have LM Flight Services monitor your flight plans and send you Adverse Condition Alerts and Flight Plan Notifications.
[What are Alerts and Notifications?](#)

Permanently installed position reporting devices should be entered under Aircraft Information on the Aircraft tab. Register portable position reporting devices here.

Please note - your device must support uplink of messages in order to receive a requested test message. If your device does not support uplinks, sending a test message has no effect.

Contact Type	Cell Provider / Special Device	Contact Data / Device ID	Preflight Alerts	Inflight Alerts	EasyActivate™ EasyClose™	FP Close Reminder	SAR Alerts / Notifications	Test Message
<input checked="" type="checkbox"/> Special Device	DeLorme	300-434-0609-07-840	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Send