



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES SPACE FORCE
WASHINGTON DC

AUG 28 2023

MEMORANDUM FOR: SEE DISTRIBUTION

FROM: SF/CSO
2020 Air Force Pentagon
Washington, DC 20330-2020

SUBJECT: Autonomous Flight Safety System (AFSS) Implementation
(Reference: General Raymond memo, 13 November 2019, *AFSS Implementation*)

As space launch and weapon system test activities at USSF spaceports continue to accelerate, we remain steadfast in our commitment to assured access to space for national security, civil, and commercial users. To accommodate a rapidly growing launch tempo from an expanding list of launch service providers, coupled with increasing DoD test and evaluation (T&E) users, the spaceports must navigate a congested schedule using concurrent processes and minimizing resource dependencies.

The employment of AFSS at USSF spaceports by all users remains a critical enabler to meet fast-paced launch demands and maintain U.S. leadership in space. To that end, and consistent with previous guidance, all space launch users will transition to an AFSS by 1 October 2025. To support DoD weapon system development requirements, the spaceports will continue to provide a ground-based command-destruct capability specifically for DoD T&E users until 1 October 2030. All spaceport users requiring non-AFSS command-destruct capabilities beyond the above deadlines are required to self-provision acceptable solutions that will be approved by the 45 SLD/CC.

The launch operations staff and safety offices within Space Systems Command continue to track progress of launch and test users as they transition to AFSS solutions and provide technical support where possible. Please reach out to Maj Justin Jones, 321-853-8846, with any questions or requests for assistance.

B. CHANCE SALTZMAN
General, USSF
Chief of Space Operations

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE SPACE COMMAND

NOV 13 2019

MEMORANDUM FOR SEE DISTRIBUTION

FROM: AFSPC/CC
150 Vandenberg St Ste 1105
Peterson AFB CO 80914-4020

SUBJECT: Autonomous Flight Safety System (AFSS) Implementation

1. AFSPC launch ranges remain critical to national security objectives and demand for this limited resource is increasing. To achieve resiliency and efficiency across the AFSPC launch and test enterprise, our Range of the Future 2028 initiative will build a simplified common range architecture and revise processes essential to match resource demands.
2. Our range architecture will transform by 2023 in order to fully utilize AFSS. To meet resiliency, cost reduction, and capacity demands, space launch users of the Eastern and Western Ranges must transition to an AFSS by 1 October 2025. The ranges will continue to provide a capability to support command-destruct for existing test programs only until 1 October 2030. Following 1 October 2030, the ranges will utilize AFSS solutions as the primary means to meet public safety responsibilities. Programs requiring command-destruct capability after 2030 will be required to self-provision acceptable solutions.
3. The Range of the Future Task Force conducted a study of command-destruct alternatives for programs needing a Flight Termination System solution after the range transitions to AFSS in 2030. HQ AFSPC will work with the Department of Defense Test Resource Management Center and test programs to select and approve a solution that best fits future needs while continuing to meet Major Range and Test Facility Base capability requirements.
4. Our range safety offices stand ready to provide technical support and assistance to users transitioning to AFSS. Additionally, the Space and Missile Systems Center is working with test programs to accelerate a qualified AFSS solution to meet test user needs. As you move forward with your flight safety system transition, please continue to work with Mr. Tim LeRoy, 719-554-3500, or Mr. John Mann, 719-554-2524.


JOHN W. RAYMOND
General, USAF
Commander

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