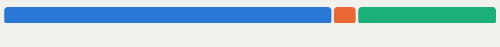
TJFSCC Daily

2026-11-20
Makani Lab · Theater Joint Force Space Component
Posture · Presence · Partnership

BLUF — Posture (capability): ULA's Vulcan fault touches the BE-4 that also powers New Glenn, leaving NSSL on Falcon alone; CSIS says the Iran fight used up to two-thirds of key interceptor stocks. Presence: U.S. and Philippine Marines rehearsed radar-to-strike targeting on Palawan. Partnership: India opened its ranges to Japanese missile tests. Watch USSF-317 and NROL-136 on 21 Nov.

LAST 7 DAYS BY P · 733 ITEMS

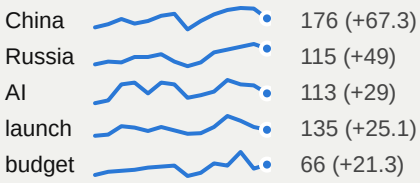


Posture 489 · Presence 36 · Partnership 208

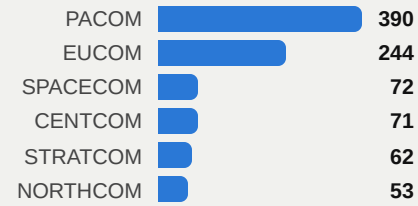
JOINT FUNCTIONS



RISING TERMS · 7D VS PRIOR



COCOM FOCUS · 7D



Posture

Force · Capability · C2 & authorities · Resilience

ULA's Latest Launch Failure Spells Trouble for Space Force

Air & Space Forces Magazine · 2026-11-19 **Capability** SPACECOM Sustainment Launch

ULA ties the Vulcan loss to fuel feed to the BE-4, which also powers New Glenn; a BE-4 fault would hit two of three NSSL rockets, Air & Space Forces Magazine says.

So what: Theater payloads rest on Falcon alone until Vulcan or New Glenn returns to flight.

US missile shortages create a range problem, report shows

Defense News · 2026-11-19 **Force** PACOM Fires Policy & Budget

CSIS estimates the Iran campaign used one-third to two-thirds of key U.S. munitions; it lists Patriot, THAAD and SM interceptors as heavily used with no substitutes.

So what: Interceptor shortfalls thin the missile defense force INDOPACOM would need against China.

Space Force has two in-orbit refueling interfaces included in programs of record, Senate bill says

Inside Defense · 2026-11-19 **Resilience** SPACECOM Sustainment Policy & Budget

Senate appropriators say USSF has two qualified refueling interfaces in programs of record and would raise in-orbit servicing R&D to $31.7M from $9.7M requested.

So what: Fuel in orbit lets satellites maneuver away from threats, hardening on-orbit forces.

White House fires cyber director in wake of outages, sources say

Defense One · 2026-11-19 **C2 & authorities** CYBERCOM Command and Control Cyber Operations

The White House fired National Cyber Director Sean Cairncross; Pentagon CIO Kirsten Davies takes the post acting, Defense One reports. The CISA nominee faces holds.

So what: Puts the DoW CIO over federal cyber policy amid outages; watch for shifts in cyber authority.

SpaceX scrubs launch of classified payload for the U.S. Space Force, targets Friday

Spaceflight Now · 2026-11-19 **Capability** SPACECOM Intelligence Launch

SpaceX scrubbed USSF-317, a classified 'R' mission, on 19 Nov and targets 21 Nov 0232Z from Vandenberg; NROL-136 follows at 1230Z, Spaceflight Now reports.

So what: Two national security launches in one day add classified capacity on orbit.

Trump nominates Centcom Deputy Lt. Gen. Patrick Frank to lead Northcom, NORAD

DefenseScoop · 2026-11-19 **C2 & authorities** NORTHCOM Command and Control Missile Warning / Defense

Trump nominated CENTCOM deputy Lt. Gen. Patrick Frank to lead NORTHCOM and NORAD, which runs aerospace warning for North America, replacing Gen. Gregory Guillot.

So what: A new NORAD commander will set homeland missile warning and Golden Dome priorities.

Presence

Planning · C2 · Execution · Exercises

U.S., Philippine Marines Set Up Surveillance Radar in Palawan

USNI News · 2026-11-20 Planning PACOM Fires Allies & Partners

U.S. and Philippine Marines set up a GBMS-Light coastal radar on Palawan facing the South China Sea in a 5 Nov maritime strike targeting drill, USNI News reports.

So what: Rehearses First Island Chain targeting that space ISR and PNT must feed.

Russian missiles hit Poland amid military exercise

UPI (Defense) · 2026-11-20 Exercises EUCOM Protection Russia

A Russian cruise missile and two other objects breached Polish airspace on 20 Nov during an allied exercise; one exploded with no casualties. Tusk called it intentional.

So what: A live missile incursion during an allied drill tested warning and air defense for real.

Army extends ADOC pilot by a year as officials work to make the data ops center a more permanent fixture

DefenseScoop · 2026-11-19 C2 PACOM Command and Control Emerging Space Tech

The Army extended its Data Operations Center pilot to Oct 2027; agentic AI clears data-access requests across security boundaries in days, not months, DefenseScoop says.

So what: A model for pushing space data across boundaries to where decisions are made.

Partnership

Share → Plan → Train → Operate → Depend

India to let Japan use firing ranges for missile tests

The Japan Times · 2026-11-19 Share PACOM Fires Allies & Partners

India will let Japan use its firing ranges for surface-to-ship missile tests, agreed as the two nations' foreign and defense chiefs pledged deeper military cooperation.

So what: Opens Indian ranges to Japanese tests: Share now, with a path to Train.

Marines wrap up Australia deployment with new drones and wider regional reach

Stars and Stripes (Pacific) · 2026-11-19 Train PACOM Movement and Maneuver Allies & Partners

U.S. Marines tested new attack and resupply drones during a seven-month rotation to Australia, carrying Ukraine lessons into Pacific exercises, Stars and Stripes reports.

So what: Moves combined drone tactics with Australia into training at the Train stage.

Mitsubishi Heavy Industries to take on launch operations for Japan’s H3 rocket

The Japan Times · 2026-11-19 Share PACOM Sustainment Launch

JAXA will hand H3 launch operations to Mitsubishi Heavy Industries in stages, starting with the next flight, The Japan Times reports.

So what: A commercial operator for Japan's main rocket could raise allied launch cadence.

RBC Signals Raises $10M to Commercialize New Comms Tech

Payload · 2026-11-20 Share SPACECOM Command and Control SATCOM

Ground-station firm RBC Signals raised $10M to grow its government business and field optical ground links, intersatellite links, SDA and spectrum monitoring.

So what: Adds commercial ground and SDA capacity USSF can buy through its antenna marketplace.

European Hardware Takes Center Stage at Space Tech Expo

Payload · 2026-11-19 Share EUCOM Command and Control SATCOM

At Space Tech Expo, SSC Space and Japan's NTT agreed to study NTT optical comms for SSC's ground stations; MBDA and Atmos will study strike from orbit, Payload says.

So what: Allied optical ground links could widen partner SATCOM paths; this is the Share stage.

WATCH LIST

- Launches 21 Nov: USSF-317 0232Z and NROL-136 1230Z, Vandenberg; Long March 6C, Taiyuan, 0350Z.
- DMSP F13 vs Fengyun 1C ASAT debris: Pc 6.1e-3 at 73 m, TCA 21 Nov 0513Z.
- Long March 8A with nine SatNet (Guowang) sats lifted off 20 Nov 1159Z; outcome not yet confirmed.
- Patch vCenter CVE-2026-123890 (PRC ARMORY CASTLE); KEV due 21 Nov (3) and 24 Nov (4).