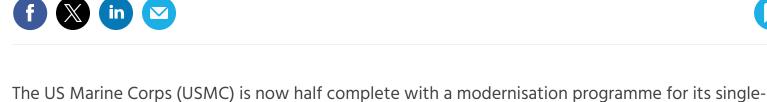
Search our site

Fixed-Wing

USMC upgrading one-third of F/A-18 Hornets to

serve until 2030 or later By Jan Tegler | 11 June 2024



USMC Lieutenant Colonel Joshua Wort says the project has reached its halfway point, adding that the Hornets are receiving greatly enhanced sensor and communications capabilities, bringing their performance closer to that of the newer F/A-18E/F Super Hornet and endowing the types with

service faces delayed deliveries of new Lockheed Martin F-35s.

seat Boeing F/A-18Cs and two-seat F/A-18Ds, an effort to boost the ageing jets' capabilities as the

greater commonality.



(AESA) radar, which is already in service on US Navy Super Hornets and EA-18G Growler electronic attack fighters. The Hornets are also getting Integrated Defensive Electronic Countermeasures, GPS

Command's F/A-18 and EA-18G programme office.

Hornet."

[the] squadron."

A number of Hornets with the full complement of upgrades are already flying in both deployed and US-based squadrons, says Wort, who is integrated product team lead for US Naval Air Systems

anti-jamming capabilities and other avionics hardware and software improvements.

Pilots transitioning to the modernised C and D models immediately notice the improvements. "Game-changing' is the phrase that most-frequently comes back from the fleet pilots," Wort says.

"They're still working in the same cockpit but the radar in particular is a quantum leap forward for the

Launched in 2019, the modernisation effort is funded through 2029 with a selection of upgrades that

35B/C", according to the service's fiscal year 2025 budget request.

The USMC has 179 F/A-18C and D Hornets, though not all will by fully modernised.

will enable the USMC's 30-year-old Hornets to serve as the "primary bridging platform to the F-

upgrades. "We've done a little bit of economy with the net buy of the radars and we've aligned that with our sundown plan," he says. "Our plan for the Hornet is to maximise the return on investment for each radar we purchase by moving radars through our population as we retire airframes and sundown

Only aircraft with the most flying life remaining and the right "prerequisite technical directives" are

candidates for modernisation, Wort says, explaining that the Marine Corps purchased just 51 AESA

radars – enough for about one-third of the fleet. Those radars are the central element of the

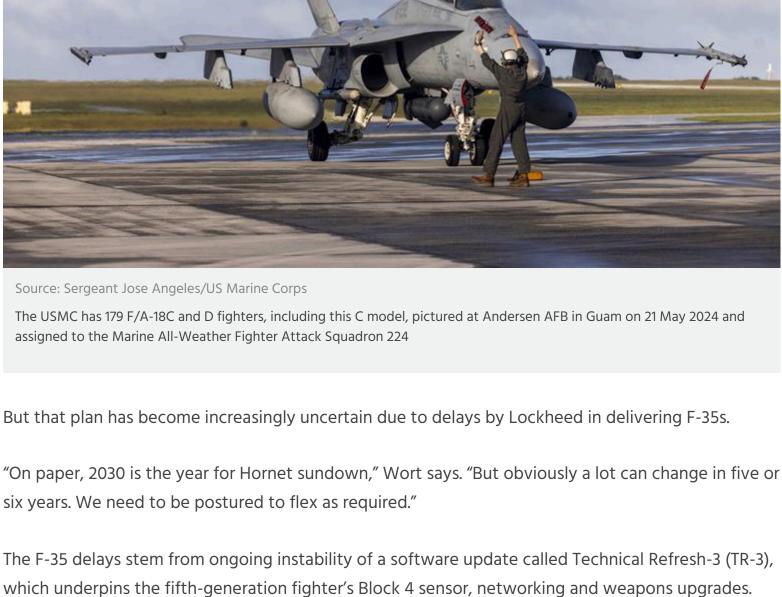
Along with the upgrade package, the USMC has separately been conducting comprehensive

logged an average of about 8,000 flying hours – to 10,000h.

airframe inspections at navy depots to extend the service lives of individual Hornets – which have

F-35s come online.

The Pentagon expects to keep operating the upgraded Hornets through at least 2030, retiring jets as



But the USMC says the service's F-35 transition plan includes the flexibility to adapt to aircraft delivery delays.

"While current TR-3 aircraft delivery delays are being mitigated across the F-35 fleet, they are not

M weekly

TR-3 problems have already held up deliveries of F-35s, including the B and C models that the USMC

is acquiring, for one year, potentially derailing the service's plan to have a full complement of the

aircraft by 2030. Such a scenario could force the Marine Corps to fly its Hornets even longer.

expected to cause any delay to the overall transition completion timeline. The Marine Corps remains committed to a programme of record of 420 aircraft and a full active-component [tactical air] transition on schedule," it says.

Sign-up to the Defence Briefing

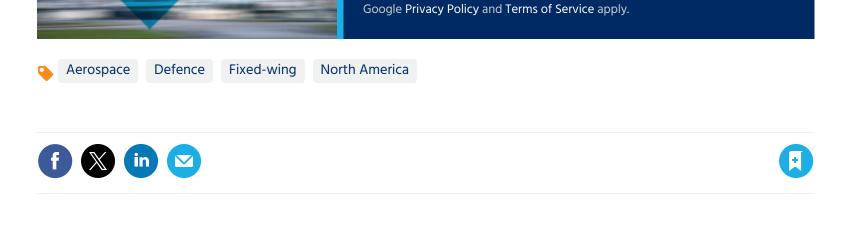
and UAVs. Sent every Wednesday.

Enter your email

Dedicated weekly update tracking major programmes, procurement updates and operational deployments across fixed-wing, rotorcraft

Privacy Notice: By signing up to the newsletter you consent to our Terms and Conditions and our Privacy Policy . This site is protected by reCAPTCHA and the

SIGN UP >



FlightGlobal PREMIUM

Become a FlightGlobal member today and enjoy these benefits

make informed decisions

what they mean to you

SUBSCRIBE NOW

> Unlimited access to all digital content giving you the confidence to

> Never miss out on any breaking news with the **Premium Daily News**

Alert direct to your inbox, our take on the key stories of the day and

> Monthly comprehensive round-up of the latest aviation developments in

Flight International magazine in a format you want in print or digital

> If you aren't ready to subscribe now, you can **sign up for free** to receive

our weekly newsletters covering all areas of the aviation industry

Related articles

Southwest adds Rakesh Gangwal as board director in face of leadership criticism 8 July 2024 13:46 | By Howard Hardee

News

Analysis Analysts fault Boeing guilty fraud plea for lack

profitability".

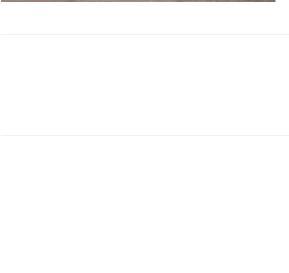
of leadership change

8 July 2024 12:08 | By Dominic Perry

LOAD MORE ARTICLES

8 July 2024 13:34 | By Jon Hemmerdinger

plan for failing to require leadership change.



More from Fixed-Wing

Eurofighter Typhoons to replace the oldest examples of the multirole fighter in its fleet.

News

In depth

Facing investor criticism for having a too-insular board of directors, Southwest Airlines has added longtime airline executive Rakesh Gangwal to the group it believes will guide it back to "enduring

Boeing intends to plead guilty to criminal charges that it defrauded the Federal Aviation Administration but some observers fault the

Italy starts acquisition of 24 more Eurofighters

Italy has begun the process of acquiring another batch of 24

News Boeing delivers first aircraft under Super Hornet Block III upgrade programme

Airframer Boeing completed upgrades on two existing US Navy F/A-

Denmark to repatriate F-35s stationed in USA

Denmark's first six F-35A fighters had been stationed at the USA's Luke AFB, where they were being used to train new pilots and

Airbus highlights main-deck door

size on A350 freighter mock-up

Vertical drops plan to fly at

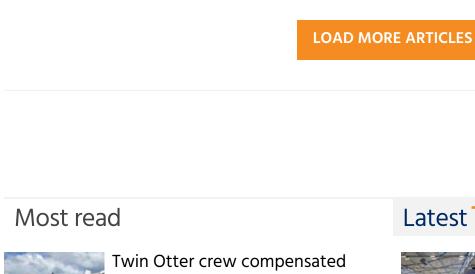
Farnborough in favour of

advancing flight tests

maintenance crews from the Royal Danish Air Force.

as delivery halt drags on

27 June 2024 13:47 | By Ryan Finnerty



SIA 777 involved in fatal turbulence Copa Airlines takes delivery of its first Boeing 737 Max 8 incident has yet to return to

- Latest 7
- FlightGlobal
- FlightGlobal is the global aviation community's primary source of news, data, insight, knowledge and expertise. We provide news, data, analytics and advisory services to connect the aviation community globally and help organisations shape their business strategies, identify new opportunities and make better decisions

faster.

> Contact us

> About us

- Conferences and Events Newsletters > Paid content > Reports
- **Defence Briefing** Flight International Briefing **Supplier Update Jobseeker Update Events Focus Sustainable Aviation Focus**

Airlines News

SIGN UP

Never miss a beat with

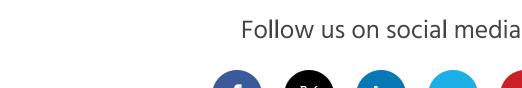
FlightGlobal newsletters

Stay up to date with the latest trends and developments in your area of

industry with high quality selected content written by FlightGlobal's team.

Aerospace Briefing

ANNOUNCEMENTS | FAQS | TOPICS A-Z | TERMS AND CONDITIONS | COOKIE POLICY | PRIVACY POLICY | © DVV MEDIA INTERNATIONAL LIMITED



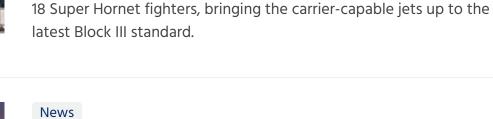


Brimstone 3 missile deal to boost German Eurofighter capability

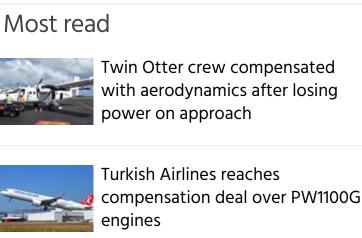
Maintenance lapses led to in-flight failure of Air India Express CFM56

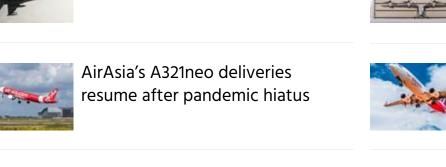
- With deliveries underway, US pilots begin
- transitioning to F-15EX 28 June 2024 16:52 | By **Ryan Finnerty** With Boeing having delivered the first operational example of its latest F-15EX multi-role fighter, US Air Force pilots who previously

flew the F-15C are beginning the process of transitioning to the new jet.



27 June 2024 16:49





US think tank outlines plan for Ukrainian air superiority

> Advertise with us

