



CAPABILITY GROWTH IN THE GERMAN AIR FORCE HELICOPTER FLEET

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BUNDESWEHR



CURRENT AND FUTURE HELICOPTERS DEU ARMED FORCES



CH-53



SEA KING Mk41



AS-532 COUGAR



SEA LYNX Mk88



NH90 TTH



NH90 NTH



UH TIGER



H145M LUH SOF



EC-135



CH-47F BIK II



NH90 MRFH



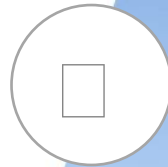
H145M LAH



NEW VIP Helicopter



TRANSITION FROM CH-53 TO CH-47





PROCUREMENT PROJECT CH-47

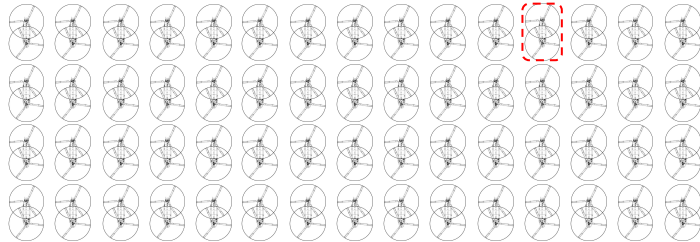


Bw Special Fund

Procurement via FMS

Initial Industry Support for Flight Operations

60 A/C



FFS TFPS RCT RCLT

+ Training Media Maintenance

Initial Spare Parts Package

Deployment Packages

AGE (Tools, Teststands)

Mission Equipment

Initial Aircrew & Maintenance
Personel Training



CH-47F BLOCK II UPDATE



CH-47F Block II

- + Fuel System
- + Airframe Mods (MGW 54k lbs)
- + Improved Drive Train
- + Electrical System
- + Avionics Upgrade



DEU Mission Equipment

	Block I	Block II
Maximum Speed	315 km/h (170 KTAS)	
Cruise Speed	291 km/h (157 KTAS)	
Range	340 NM (630km)	+ 10 %
Service Ceiling	6,096 m (20,000 ft)	
Max Gross Weight	22,680 kg (50,000 lbs)	54,000 lbs
Useful Load	10,886 kg (24,000 lbs)	~ 26,000 lbs



DEU CH-47F BLOCK II SR AAR

DEU Mission Equipment



Rotor Brake

Fall Protection

IR Supression

Fast Rope Equipment (FRIES)

AE Kit

Armament

NEW

Ballistic Protection (Cabin + Cockpit)

CIRC

NEW

Handles

NEW

Wind Deflect

NEW

Ice Detector

Crashworthy Seats

ELT

Rescue Hoist

Link 16

BOS Radio

PLS

Pitot Heat Fail Light

EO/IR Sensor

H(AA R)



OPERATIONAL SPECTRUM



Air Transport



Personnel Recovery (CSAR)

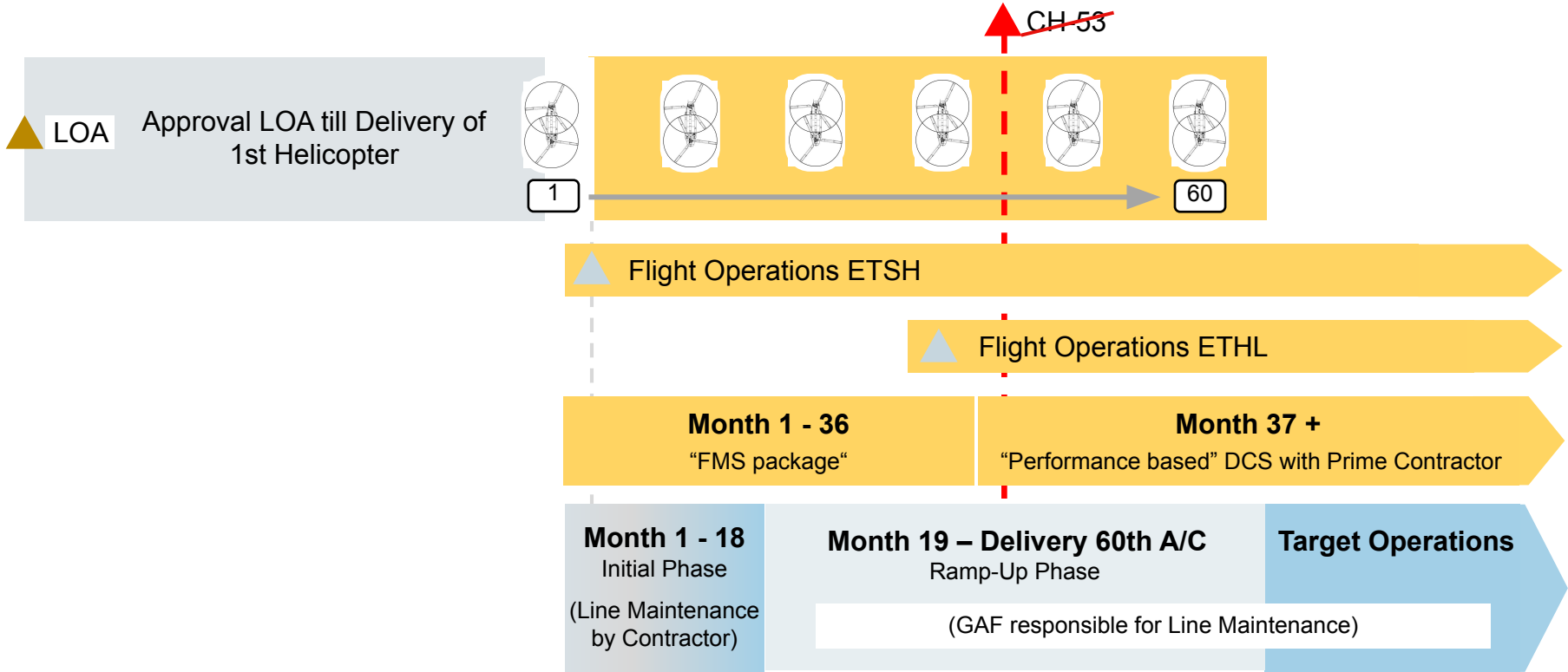


SOF

Aeromedical Evacuation



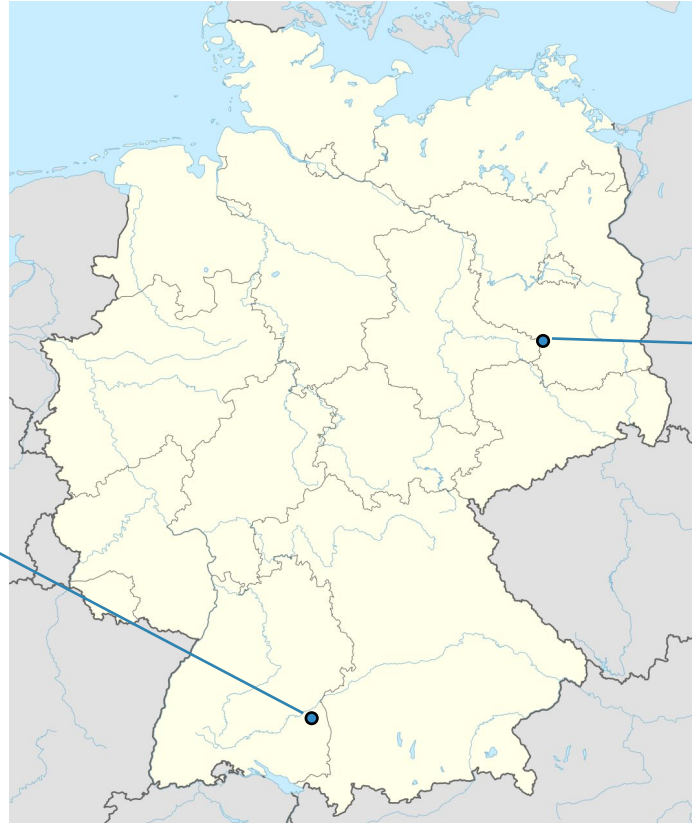
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
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CHALLENGES: INFRASTRUCTURE

Laupheim



Schönewalde





CHALLENGE: TRAINING

Aircrew



Maintenance Trng



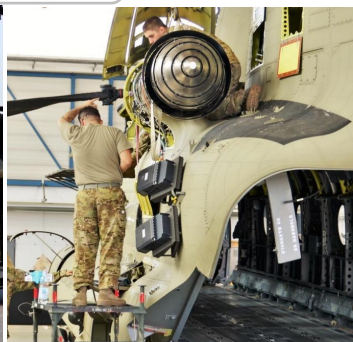
Conversion Training



Delta Training



Maintenance Personnel



(D)EMAR



Type Training



Block II
(US)



Block II
(DEU)



PROCUREMENT PROJECT H145M LIGHT ATTACK HELICOPTER (LAH)



H145M LUH SOF

H145M LAH





PROCUREMENT PROJECT H145M LIGHT ATTACK HELICOPTER (LAH)



H145M

Bw Special Fund + Defense Budget
 Industry Support for Flight Operations
 Spare Parts
 Mission Equipment incl. Ammunition
 Initial Aircrew & Maintenance
 Personnel Training



62 (+20) Helicopters
 8 FFS (EASA class D)
 + Tactics and Shooting
 Simulators

Light Attack, SOF, Training



Q4/2024 – Q2-3/2028 (62) (5)

tbn (20) (5 + 7)

(RW) SOF AIR SUPPORT BY THE GERMAN AIR FORCE

SOATU RW



H145M LUH



H145M LAH



CH-47F



SOATG

SOAC



SOATU FW





Questions ?





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