

# AIRBUS H145 Model Guide

AIRBUS H145 appears in the supplied documents as a twin-engine helicopter (ENG I and ENG II switches, dual autopilot, VMS and FND displays). The library record has no years, seats or performance data, and its piston category conflicts with the checklist. Confirm all specifications against the approved flight manual before buying.

## KEY TAKEAWAYS

- The AIRBUS H145 checklist covers two engines, two hydraulic systems, dual autopilot (AP 1 and AP 2) and emergency floats as an option.
- The H145 D-3 (BK117 D-3) has an optional Bear Paw skid-flotation kit for soft ground, approved for all D-3 serial numbers.
- The Bear Paw kit adds about 20 to 21 lb and needs a torque check every 200 hours or 6 months.
- The library record lacks years, seats, speeds, range and weights, so ask the seller for the flight manual figures.

## START-UP AND SHUTDOWN CHECKS

Before start, check the battery is above 23.5 V and set weights on the VMS page. Test the fire switches and the hydraulic systems one at a time. After landing, set both engine switches to idle and wait at least 30 seconds for cooldown. Then wait for rotor stop before switching off the battery master.

## BEAR PAW SOFT-TERRAIN KIT (H145 D-3)

The kit adds flotation to the skid gear aft of the centre of gravity. This helps on tundra, snow and sand, where skid tubes can sink and, rarely, the tail rotor can touch the ground. The kit weighs 21.12 lb with grippers and 20.17 lb without. It has no airworthiness limits, and repairs are not permitted. Check torque lacquer on the strap fasteners daily.

## MAINTENANCE CHECK FLIGHTS

A maintenance check flight confirms performance or system function that ground checks cannot. It may follow maintenance, defect rectification or troubleshooting. The supplied manual is one operator's document. It says the aircraft manufacturer's documentation takes precedence. Ask whether any check flights are outstanding and see the records.

## WEIGHT & BALANCE

|                                                |       |
|------------------------------------------------|-------|
| Bear Paw Kit Added Weight With Grippers Lbs    | 21.12 |
| Bear Paw Kit Added Weight Without Grippers Lbs | 20.17 |

## SAFETY NOTES

- Omitting thread-locker on the Bear Paw gripper fasteners makes the installation non-airworthy. All 8 grippers must be fitted or all removed.
- Soft-ground landings without flotation risk balance problems and, in rare cases, a tail rotor ground strike.
- The maintenance check manual warns that check flights flown without added precautions may not be safe.