

Claim	: 20785
Aircraft	: Airbus Helicopters EC145, XA-UQV
Location	: Tabasco, México
Being offered	: As is where is
Contact Information	: Pablo Bañuelos (pabloanuelos@aav.global)



### **Aircraft Details**

The Airbus Helicopters MBB BK117-C2, XA-UQV, serial number 9497, has logged 5,835 total flight hours since new. The two Turbomeca Arriel 1E2 engines, serial numbers 47377 (left), and 47374 (right), have a total time since new of 6,778 and 6,956 flight hours respectively

### **Accident Circumstances**

On 12<sup>th</sup> March 2021, the helicopter took-off from an oil rig in the Gulf of Mexico bound for the helipad of the harbour of Dos Bocas, Tabasco. According to the pilot's report, during his final approach to land, the helicopter suddenly started to yaw (turn around its vertical axis) to the right: the tail rotor blade pitch (controlled by pedals in the cockpit) had reached its limit, so the helicopter started turning clockwise. The main rotor blades turn anti-clockwise, so the fuselage will turn clockwise if there is not enough, or no, counter-thrust from the tail rotor. Therefore, the pilot lowered the collective lever (pitch control) and decelerated the engines to attempt a normal landing, but hit the ground exceptionally heavily while still yawing.

### **Aircraft Damage**

*Please refer to the photographs*







