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Lent.

U.S. Air news

A new aircraft for the U.S. Navy - ~~that houses~~ <sup>with</sup> the latest radar equipment <sup>housed</sup> in that bulbous dome.

Known as an "Early Warning Aircraft" - it will radio back ~~details~~ to the Fleet - details of impending aerial attacks.

In California, a liquid-fuelled sled reaches supersonic speed in thirteen seconds. In this latest test to perfect an all-speeds ejector-seat - the dummy looks almost human! ②

And ~~now~~ <sup>now</sup> the latest weapon in aerial warfare. The release of a guided missile to seek out, and destroy, a radio-controlled plane.

This could well be our fighter defence of the future!

In the field of medical research, Dr Paul White (a leading heart specialist) prepares for "Operation Heartbeat"

Using a special harpoon gun, with electronic attachment, he hopes to record the heartbeats of a Californian grey whale.

The harpoon is specially coated to prevent infection and pain...

And so we see whale-hunting by helicopter - to collect vital information in the fight against a killing disease...

~~ALONG THE~~ Californian coast, ~~some of~~ the latest research in amphibious war-fare.

This is the first test of a huge flying-boat (capable of carrying 100 fully-equipped troops) that will replace the landing-craft of World War Two.

The ~~aircraft~~ <sup>aircraft</sup> (powered by four turbo-prop engines) has a top-speed of 400 miles per hour - so speedy ~~reinforcement~~ <sup>reinforcement</sup> will be no problem.

Finally, a sporting tribute to America's Johnny Longden - riding his 5,000th winner, Bente, at Santa Anita. Last year, he passed the record 4,871 total of our own Sir Gordon Richards...

~~With Johnny~~ First past the post 5,000 times, Mrs Longden sure backed a winner!