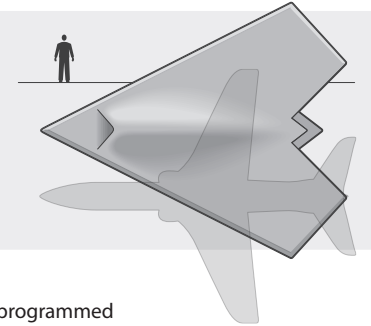


Taranis - Looking to the future

Taranis is an Unmanned Combat Air System (UCAS) demonstrator. Through test flights, scheduled for 2013, Taranis will help provide the UK MOD with experimental evidence that will help to shape the future mix of manned and unmanned fast-jet aircraft.

SCALE

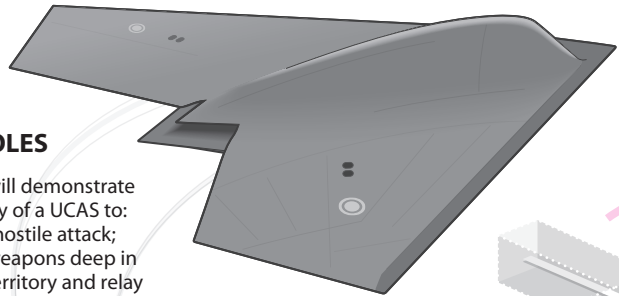
Taranis is about the same size as a BAE Systems Hawk (shown in silhouette), which is 12.5m in length and has a wingspan of 10m.



KEY ROLES

Taranis will demonstrate the ability of a UCAS to: fend off hostile attack; deploy weapons deep in enemy territory and relay intelligence information.

Additionally, both the shape and internal technologies help Taranis to remain undetected by enemies.

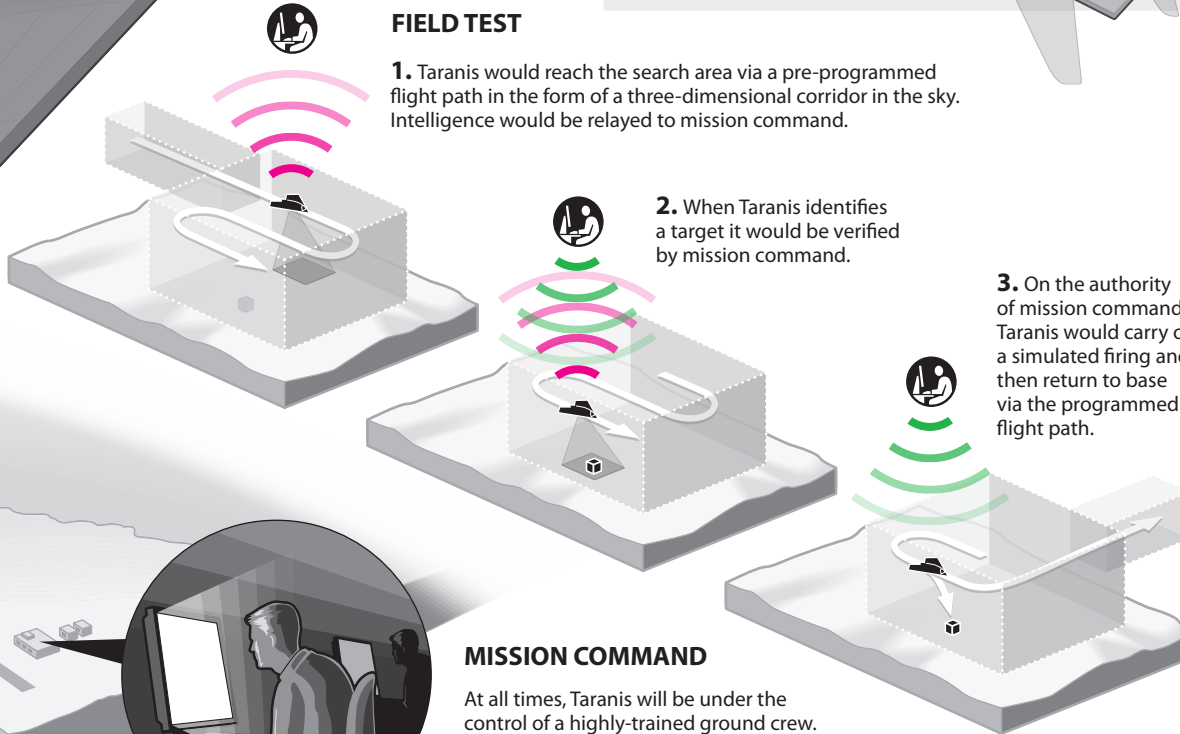


FIELD TEST

1. Taranis would reach the search area via a pre-programmed flight path in the form of a three-dimensional corridor in the sky. Intelligence would be relayed to mission command.

2. When Taranis identifies a target it would be verified by mission command.

3. On the authority of mission command, Taranis would carry out a simulated firing and then return to base via the programmed flight path.



MISSION COMMAND

At all times, Taranis will be under the control of a highly-trained ground crew. The Mission Commander will both verify targets and authorise simulated weapons release.

SOURCE: BAE Systems

NOTE: These illustrations are schematic and do not represent 100% accurate depictions of the subject matter.