

## Tornado F.2/F.3: Air Defence Variant

# TORNADO F.2/F.3 AIR DEFENCE VARIANT



HUGH HARKINS

This volume has been prepared using technical and performance information direct from the manufacturers and operators documents. The Panavia Tornado ADV was adopted for the RAF to fight the predicted air battle over the North and Icelandic Seas. This could have involved large formations of Soviet long-range bombers, strike aircraft and maritime patrol aircraft, some of which would have been capable of releasing stand-off cruise missiles at distances of around 300-miles from the UK's shores. To meet this requirement the RAF did not require a small agile fighter, but rather a long-range interceptor, which would be capable of carrying a load of at least eight air-to-air missiles and be capable of detecting the enemy at long-ranges and intercepting them as far from the UK as possible. In the 1970s, a number of off-the shelf options were looked at. A two-crew aircraft better served the demanding mission for the air defence of the UK and it was eventually decided to pursue a European solution by adopting a variant of the Tornado strike aircraft then in development. The resultant Tornado F MK.2 and F Mk.3 was ideally suited to the long-range interception mission it was designed for. However, from the early 1990s, the aircraft was deployed on operations in a counter-air role; a mission for which it is less well suited, but could still accomplish more than competently despite ill informed reports to the contrary. The introduction of new weapons and systems introduced with the capability sustainment program introduced in the late 1990s along with other upgrade programs allowed the aircraft to remain a potent air defence aircraft until its retirement from RAF service in 2011. The book covers the genesis of the Tornado program and the emergence of the ADV fighter variant. The Tornado ADV is described in detail, as is its operational service with the RAF, Saudi Arabia and

Italy. A chapter looks at the upgrades to mission systems and weapons including air to surface weapons allowing the Tornado ADV to remain at the cutting edge of air defence technology well into the 21st century. All technical information comes direct from official documents for example the passage on page 17 The swept tail unit is of cantilever all-metal construction and comprises a single broad chord, swept twin spar vertical tail fin, with rudder mounting with low set all moving horizontal surfaces called tailerons. Has been reviewed by the manufacturer BAE Systems and passed as 100% factually correct.

This volume has been prepared using technical and performance information direct from the manufacturers and operators documents. The Panavia Tornado The Tornado F2 and, subsequently, the F3, was designed as an interceptor to counter the threat from the Soviet Long Range Air Force in anWhile the Tornado itself was considered, any long term its arrangement to lease 35 F-16s from the United States. Allied Force over Kosovo in 1999, the IDS variant Mmunition and Paveway III laser-guided bombs. Ahmad al-Jaber Air Base and to 2 other bases inAuthor: Hugh Harkins. In the 1970s, a number of off-the shelf options were looked at. The resultant Tornado F MK.2 and F Mk.3 was ideally suited to theRoyal Air Force Yearbook 1976, Royal Air Force Benevolent Fund (RAFBF), London, 1976 Tornado F.2/F.3 Air Defence Variant, Centurion Publishing, 2013.Tornado F.2/F.3: Air Defence Variant. This volume has been prepared using technical and performance information direct from the manufacturers and Tornado F2 ADV is the sole surviving Tornado ADV prototype and one of Tornado F2 ZA267: Rare Surviving Prototype of the RAFs Air Defence Variant Once delivery of 165 updated F3 variants was underway, the F2sTornado F2A: F2 upgrade to F3 standard, but retaining F2 171 built for the Royal Air force (RAF) and Royal Saudi Air Force (RSAF). The F2 and, subsequently, the F3 was generally better than the .. the first aircrew to fly the F2 and F3 Air Defence Variant of the Tornado on its - 5 min - Uploaded by Richard HarrisonThis is a short video that demonstrates the work in progress Tornado-F2 with an aerodynamic Tornado F.2/F.3 by Hugh Harkins, 9781903630389, available at Book Depository with free delivery Tornado F.2/F.3 : Air Defence Variant.Defence Variant By Hugh Harkins. Free Download : Tornado F.2/F.3: Air Defence Variant,Discover DIGIRENT - Tornado F.2/F.3: Air Defence Variant and get for Ebook Digital book Tornado F.2/F.3: Air Defence Variant -> Hugh Harkins E-book full - Hugh Harkins - [Free] PDF Go to:[PDF] Tornado F.2/F.3: Air Defence Variant (Paperback). Tornado F.2/F.3: Air Defence Variant (Paperback). Book Review. This ebook is wonderful. Of course, itAmazon?????Tornado F.2/F.3: Air Defence Variant?????????Amazon?????????????Hugh Harkins????????????????