



Deutsche Gesellschaft
für Luft- und Raumfahrt
Lilienthal-Oberth e.V.



ROYAL AERONAUTICAL SOCIETY
HAMBURG BRANCH E.V.



VDI

Verein Deutscher Ingenieure
Hamburger Bezirksverein e.V.
Arbeitskreis Luft- und Raumfahrt

Invitation to an RAeS lecture in cooperation with the DGLR and VDI

American Secret Fighter Projects

Tony Buttler

Aviation Historian

Lecture
followed by discussion

Entry free !
No registration !



Date: Thursday, 26th May, 18:00

Location: HAW Hamburg

Berliner Tor 5
(Neubau), Hörsaal 01.12



This lecture looks at the American fighter projects that were proposed during the period following the Second World War though to the late 1970s. It was arguably the most exciting era in terms of fighter development: a period during which the jet engine took over from the propeller, wings took on entirely new shapes, the 'sound barrier' was breached and maximum speeds tripled. It was an era in which aeronautical engineering became much more complex but when the computer had yet to come to the designer's assistance.

Areas covered include the design competitions for the F-102 Delta Dagger, F8U Crusader, the F-14 Tomcat and the F-15 Eagle and many other unbuilt proposals. There is also the major competition from the mid-1950s for a long range interceptor which led to the North American F-108 Rapier, which itself was cancelled long before first flight, plus studies for lightweight fighters. The American aviation industry produced many fighter projects during the period covered and the pick of them feature in this talk.

Tony Buttler was born in England in 1956 and, after completing his education at Prince Henry's Grammar School in Evesham, joined High Duty Alloys in Redditch in 1974 as a metallurgist. For nearly twenty years he was involved in the testing of aluminium and titanium airframe and engine components for all of the world's major aircraft. It was during this period that his great interest in military aircraft came together, particularly in regard to their design and development.

On leaving HDA in 1993 Tony went on to take a Masters Degree in Archives and Library Studies at Loughborough University, and since 1995 he has been a freelance aviation historian. He has just completed his eighteenth major book, he has also written many more titles in the Warpaint series of modelling books, and has a large number of articles for most of the popular historical aviation magazines to his credit.

RAeS Richard Sanderson
VDI Hannes Erben
DGLR Eric Heslop
DGLR / HAW Prof. Dr.-Ing. Dieter Scholz

Tel.: (04167) 92012
Tel.: (040) 743 83481
Tel.: (040) 743 62505
Tel.: (040) 428758825

events@raes-hamburg.de
hannes.erben@airbus.com
hamburg@dglr.de
info@ProfScholz.de

DGLR Bezirksgruppe Hamburg
RAeS Hamburg Branch
VDI, Arbeitskreis L&R Hamburg

<http://hamburg.dglr.de>
<http://www.raes-hamburg.de>
<http://www.vdi.de/2082.0.html>

und  Luftfahrtstandort
Hamburg
<http://www.luftfahrtstandort-hamburg.de>

Der Besuch der **Veranstaltung ist steuerlich absetzbar**. Bringen Sie dazu bitte eine ausgefüllte Teilnahmebestätigung zur Unterschrift zum Vortrag mit. Mittels **E-Mail-Verteilerliste** wird über aktuelle Veranstaltungen informiert. **Vortragsunterlagen** vergangener Veranstaltungen, aktuelles **Vortragsprogramm**, Eintrag in E-Mail-Verteilerliste, Vordrucke der Teilnahmebestätigung: Alle Services über die Internetseite zur gemeinsamen Vortragsreihe von DGLR/VDI/RAeS/HAW: <http://hamburg.dglr.de> .