

RAF COLLEGE CRANWELL

College Journal Extracts



2016

August 2016 - Forward

FOREWORD

By Air Commodore C J Luck

Welcome to first edition of the revitalised Journal of the RAF College. After a hiatus of several years it has been re-born as a largely electronic publication with a limited run of hard copies. There is much that you might recognise from earlier editions and the editorial team have aimed to reflect the wide range of activity at Cranwell over the last year.

It has been a very busy year for the RAF College. There have been significant changes coming out of SDSR15 which have led to an increase in the number of Phase 1 courses going through the College and an increase in the number of Officer Cadets on each course. This will feed an uplift in the number of Phase 2 trainees at Cranwell and elsewhere. In order to manage this increase in the training task the IOT course has been shortened from 30 weeks to 24 weeks. Considerable efforts have been made to ensure that the new course is more efficient and to protect key learning objectives.

The College has continued to support a very busy calendar of events in the last year. With over 900 applications for events at Cranwell we have focussed on those which meet our training and engagement objectives while supporting the wider RAF. This year Cranwell celebrated 100 years as a military flying station with a spectacular dinner in April, swiftly followed by events to mark the centenaries of 45 and 57 Squadrons. We also had the tri-Service lead for the national Armed Forces Day event in Cleethorpes which required considerable effort and resilience from the planning team to deliver. On the day HRH The Duke of Kent, the Prime Minister, Secretary of State for Defence, and Defence Minister in the House of Lords joined with over 130,000 members of the public to mark their respect for all that our Armed Services do for the nation. Later this year in August we will also support the Air Cadet Organisation as



they mark their 75th Anniversary with a parade and “extravaganza” in front of College Hall.

2016 has been a remarkable year and it will also include my handover as Commandant and Chairman of the Trustees of the Cranwellian Association to Air Commodore Peter Squires. I am sure that you will give him the support that you have afforded me.

In conclusion I would like to thank the editor of this Journal, College Bursar, Mrs Mandy Sturtridge, and all who have contributed. I am delighted that the Journal lives again as a document of record of the wide range of high quality activity undertaken at Cranwell.

August 2016 - In Memoriam

IN MEMORIAM

We record with regret the passing of the following Cranwell Graduates or Cranwellians whose deaths were notified to us during the last year.

Air Cdre Tony Carver	Graduated 49C Entry
Sqn Ldr Mike Doggart	Graduated 95D Entry
Sqn Ldr George England	Graduated 61A Entry
Gp Capt Maurice Fenner	Graduated 49D Entry
Sqn Ldr John Horsfall	Graduated 76C Entry
Sqn Ldr Bill Howard	Graduated 77A Entry
Gp Capt Richard Kidney	Graduated 70B Entry
Gp Capt David Luck	Graduated 51A Entry
Air Cdre Terence Morgan	Graduated 65C Entry
Air Cdre Brian Sills	Graduated 69B Entry
Gp Capt John Turner	Graduated 65A Entry
Gp Capt 'Tubby' Vielle	Graduated 32 Entry
Gp Capt Russ Williams	Graduated 79 Entry

August 2016 - Senior College Appointments

ROYAL AIR FORCE COLLEGE CRANWELL SENIOR APPOINTMENTS

COMMANDANT ROYAL AIR FORCE COLLEGE CRANWELL

Air Commodore C J Luck MBE ADC RAF

COMMANDANT AIR CADET ORGANISATION

Air Commodore D A McCafferty RAFR

DEPUTY COMMANDANT

Group Captain G B T Hammond RAF

COMMANDANT CENTRAL FLYING SCHOOL

Group Captain J H Hunter BSc MA RAF

COMMANDANT No.3 FLYING TRAINING SCHOOL

Group Captain A Coope OBE MA BEng RAF (Nov 15)

Group Captain J D Milne DFC MA RAF (Dec 15)

COMMANDANT No.6 FLYING TRAINING SCHOOL

Group Captain A Dickens OBE MA RAF

GROUP CAPTAIN RECRUITMENT & SELECTION

Group Captain C C Coton MA RAF (Jul 15)

Group Captain P R Sanger-Davies MVO MA BA (Hons) RAF (Aug 15)

OFFICER COMMANDING OFFICER & AIRCREW CADET TRAINING UNIT

Wing Commander G Bettington BA MA MCIPD RAF (Pre-Mar 15)

Wing Commander E J Keith BA RAF (Mar 15)

OFFICER COMMANDING OPERATIONS WING

Wing Commander N Driscoll RAF

OFFICER COMMANDING BASE SUPPORT WING

Wing Commander E Middleton MA BSc RAF

CHIEF OF STAFF RAF COLLEGE HEADQUARTERS

Wing Commander R W Barnes RAF

STAFF OFFICER PROTOCOL ENGAGEMENT CEREMONIAL & HERITAGE

Wing Commander R J Willis BA (Hons) MCMi RAFR

COLLEGE BURSAR

Mrs A B Sturtridge

August 2016 - Honours & Awards 2015 (1)

HOUNOURS & AWARDS 2015

APPOINTMENT TO THE MILITARY DIVISION OF THE MOST EXCELLENT ORDER OF THE BRITISH EMPIRE

As Members

Sqn Ldr A Pelcot RAFR 8100464L RAFR Ret'd, Ex HQ Air Cadets

CHIEF OF THE AIR STAFF COMMENDATIONS

In conjunction with the New Year Honours List 2015, the Chief of the Air Staff has awarded his personal commendation for meritorious service to the under mentioned personnel.

Sqn Ldr M J Trevena RAFVR(T) 02123312R HQ Air Cadets

DEPUTY COMMANDERS' COMMENDATIONS

In conjunction with the New Year Honours List 2015, the Deputy Commanders Air Command have awarded their commendation for meritorious service to the under mentioned personnel.

RAF Cranwell

Sqn Ldr D P Carbutt MBE	306385K	Pers (Spt)	SO2 Strategy & Plans College HQ
MACr D W Bruce	E8141175	WSOp (EW)	Ret'd, Ex Flt Cdr NCA Training
Team Commendation			RAF Reserves Recruiting Team Virtual AFCO

AIR OFFICER COMMANDING NO 22 (TRG) GROUP COMMENDATION

HQ Air Cadets

Wg Cdr S T Morris RAFVR(T)	2621417K		Wg SO
Sqn Ldr M M Morris RAFVR(T)	0215710H		Wg SO
WO A M Packwood	N8280607		Sqn WO
WO R J Swanson	O219741		Sqn WO
Mr K Goodger	Civilian		Regional Civilian Cttee Chairman London and South East

Mr E Carr	C2		Assistant Regional Commandant Scotland & NI
Team Commendation			ATC Waddington Air Show Support Party

RAF Cranwell

Flt Lt K Dixon RAFVR	8240575P	Pers (Spt)	SO3 Visits & Engagement
Flt Lt C J Grierson	Q8405060	Pers (Trg)	OASC Boarding Officer
MACr S R Parsons	F2643534	WSOp (CMN)	Flt Cdr NCA Training
Mrs K Howes	520624J	E1	Budget Manager; Recruiting and Selection Marketing
Mrs R De Freitas	939371H	E2	AFCO Oxford Admin Assistant

RAF Halton

Chf Tech M R Usher	F8249071	A Tech AV	Aerospace Avionics Analyst
FS D J Rothwell	H8229814	Gnr	902 EAW Musannah, Ex RAF Halton

JOINT FORCE COMMAND COMMENDATIONS

In conjunction with the New Year Honours List 2015, Joint Forces Commander Commendations have been awarded for meritorious service to the under mentioned RAF personnel.

Flt Lt N J K Welsh 557867 RAF Halton

THE QUEEN'S BIRTHDAY HONOURS LIST 2015 – MILITARY DIVISION

The names of the following Service personnel, who are currently serving or have recently served in the RAF are included in the Queen's Birthday Honours List 2015.

APPOINTMENT TO THE MILITARY DIVISION OF THE MOST EXCELLENT ORDER OF THE BRITISH EMPIRE

As Officers

Wg Cdr P E L Bower RAFVR(T) 0215669Y RAFVR(T) HQ Air Cadets

In conjunction with the Queen's Birthday Honours List 2015, the Deputy Commanders Air Command have awarded their commendation for meritorious service to the under mentioned personnel.

RAF Cranwell

Sqn Ldr N J Edwards	8229025F	Pilot	Stn Cdr RAF Woodvale
Sgt P Spooner	P8503976	WSOp	Puma OCU RAF Benson, Ex RAF Cranwell

AIR OFFICER COMMANDING NO 2 GP

RAF Halton

Sgt L M Proctor R8434575 RAFP RTS, Ex RAF Cranwell

AIR OFFICER COMMANDING NO 22 (TRG) GROUP COMMENDATION

HQ AIR – COS Pers

WO S G S Pullar R8283481 Pers (Spt) WO Project TITAN, Ex RAF Halton

HQ Air Cadets Cranwell

Sqn Ldr G W A Hughes RAFVR(T)	0212781F	Dep OC Wg Hants and IOW	
Flt Lt P W Collins RAFVR(T)	0210822P		OC 1039 Sqn ATC
Mr P E Skinner			Civilian Instructor ATC
Mr M R Willis			Civilian Instructor 2339 Sqn ATC

August 2016 - Honours & Awards 2015 (2)

RAF Cranwell

Sqn Ldr N Firby	8020199S	Eng (AS)	Ret'd, Ex International Training Officer,
Sqn Ldr E A Sellers	8402643B	Pers (Spt)	SO2 Advertising
Flt Lt P J L Ashley	30090612	Pers (Spt)	SO3 Recruiting Control
Flt Lt P R Harrap	G8429133	Pers (Spt)	OC QCIT
Off Cdt M P Crolla	30206357	Student	IOT Phase 1
FS G Smith (FTRS)	G8202690	Pers (Spt)	SNCO Reserve Recruiting Team
Cpl R J Seed	L8431869	SE Fitt	AFCO London
Mr J Grainger		SERCO	Receptionist OASC
Mr M Tweedie	912169K	D	Service Delivery Manager C4I Sqn
Mrs E Wells		SERCO	Multi Activity Contract Media Manager
Team Commendation			RAF Cranwell Stn Labour Force

RAF Halton

Sqn Ldr N J E Bunce	0213933J	Pers (Spt)	COS & Dep OC Trg Wg
Sqn Ldr G P Coleman (FTRS)	8304367T	WSO (Nav)	OC Ops Sqn
WO S J Fellows	C8228383	Logs (Chef)	Stn Catering Liaison Officer
FS S P Whitlock	S8408867	Gnr	FS Standards
Sgt E I Burns	D8500657	RN(A)	ACS
Sgt N M Daley	H8248346	Gnr	SNCO Trg Support
Sgt M P Davies	Q8413129	Gnr	SNCO Trg ADF
Sgt J R Jones	G8414226	ICT Tech	ICT Analyst
Mrs S Cousins	944343F	E1	HIVE Information Officer

CHIEF OF STAFF JOINT FORCES COMMAND COMMENDATION

Sqn Ldr D Akyildiz	8701579L	Pers(Trg)	HQ AIR, Ex RAF Halton
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CHIEF OF DEFENCE INTELLIGENCE COMMENDATION

Mrs A Sturtridge	Civil Servant	RAF Cranwell
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August 2016 - Prize Winners 2015 (1)

PRIZE/AWARD WINNERS 2015

OFFICER & AIRCREW CADET TRAINING UNIT ANNUAL AWARDS

INITIAL OFFICER TRAINING COURSE ANNUAL AWARDS

Annual Awards are given during the Queen's Review of the RAF College. The reviewing officer was Air Chief Marshal Sir Stuart Peach KCB CBE ADC BA MPhil DTech DLitt FRAeS RAF, Commander of Joint Forces Command

The Queen's Medal is awarded to the RAF officer who, during Initial Officer Training, proved to be the most outstanding cadet of the year.

Flying Officer

The International Sword of Honour is awarded to the International officer who, during Initial Officer Training, proved to be the most outstanding International cadet of the year.

Pilot Officer

The Ecole De L'Air Trophy is awarded to the RAF officer who, during Initial Officer Training, produced the most distinguished performance of the year in academic studies.

Flying Officer

The Prince Bandar Trophy is awarded to the RAF officer who, during Initial Officer Training, submitted the best essay of the year on a Defence-related topic.

Flying Officer

The John Constable Memorial Trophy is awarded to the RAF officer, under the age of 21 at entry to the RAF College, who, during Initial Officer Training, demonstrated the greatest potential for further development by producing the best overall performance in both leadership and professional studies during the year.

Pilot Officer

INITIAL OFFICER TRAINING COURSE AWARDS

The Sword of Honour is awarded to the RAF cadet who, during Initial Officer Training, has demonstrated outstanding ability, leadership and other officer qualities and potential for further development.

IOTC 39	Officer Cadet R Chappell
IOTC 40	Officer Cadet M I Gibbons
IOTC 41	Officer Cadet A W Hughes MSc BSc MCSP

The Hennessy Trophy and Philip Sassoon Memorial Prize is awarded to the RAF cadet who, during Initial Officer Training, has proved to be the best all-round cadet, other than the Sword of Honour winner.

IOTC 39	Officer Cadet A J Burke BA
IOTC 40	Officer Cadet S P P Morton
IOTC 41	Officer Cadet M C Riggs BSc Econ, MSc Econ

The MacRobert Prize is awarded to the cadet who, during Initial Officer Training, in the opinion of his or her peers, has made the greatest contribution to the Course.

IOTC 39	Officer Cadet A J Godbolt BA
IOTC 40	Officer Cadet A C Shelton
IOTC 41	Officer Cadet T M T Volker MA MSt

The BAE Systems Trophy is awarded to the cadet who, during Initial Officer Training, has attained the highest marks for professional studies on the Course.

IOTC 39	Officer Cadet A J Burke BA
IOTC 40	Officer Cadet R P Humpston
IOTC 41	Officer Cadet E A Carr MPhys

Overseas Students' Prize is awarded to the International cadet who has produced the best overall performance in leadership, officer qualities and professional studies on the Course.

IOTC 39	Officer Cadet J Saleem Bsc
IOTC 40	Officer Cadet M Leshchenko
IOTC 41	Officer Cadet A A Al Afifi

The Group Captain Williams Memorial Trophy is awarded to the RAF cadet who, during Initial Officer Training, has shown the greatest improvement.

IOTC 39	Officer Cadet O J Lennon
IOTC 40	Officer Cadet D J Warby BA
IOTC 41	Officer Cadet T D Blocksidge BSc

The Sarah Moland Prize is awarded to the RAF cadet who demonstrates outstanding qualities of courage and fortitude to complete IOT.

IOTC 39	Officer Cadet I G D'arcy BEng
IOTC 40	Officer Cadet J D Bulman BA
IOTC 41	Officer Cadet R P Slaughter BEng

The Longcroft Trophy is awarded to the cadet who, during Initial Officer Training, has demonstrated most to sport.

IOTC 39	Officer Cadet A P Seimann
IOTC 40	Officer Cadet J A Youngman
IOTC 41	Officer Cadet D K O'Boyle BA

The RAF Club Prize is awarded to the RAF cadet who, in the eyes of the Directing Staff has, throughout the Course, shown grit and unwavering perseverance, meeting every challenge with enthusiasm.

IOTC 39	Officer Cadet A J Greenwood BSc
IOTC 40	Officer Cadet A J Way BSc
IOTC 41	Officer Cadet N D Priest Bsc

August 2016 - Prize Winners 2015 (2)

The Warrant Officer Bill Torrance Trophy is awarded to the cadet who, at the discretion of the Physical Education Staff, has throughout the Course, performed to a consistently high level during every Physical Education session.

IOTC 40	Officer Cadet A C Shelton
IOTC 41	Officer Cadet D K O'Boyle BA

SPECIALIST ENTRANT AND RE-ENTRANT COURSE AWARDS

The Daedalus Trophy is awarded to the student who, during training on the Specialist Entrant and Re-Entrant Course Officer, has proved to be the best all-round cadet.

SERE 32	Officer Cadet S W Murray MSc BSc MCSP
SERE 34	Officer Cadet M E Cope LLB DipL
SERE 35	Officer Cadet J K Britton BSc MBBS DHMSA

The SERE Cadet's Cadet is awarded to the cadet who, during the Specialist Entrant and Re-Entrant Course, in the opinion of his or her peers, has made the greatest contribution to the Course.

SERE 32	Officer Cadet N Hanover MA GradDip DipHE*
SERE 35	Officer Cadet L J Eveson MA(Cantab) MBBS

The Chapman Trophy is awarded to the Specialist Entrant and Re-Entrant graduate who has succeeded through personal adversity with strength of character to show a significant improvement in performance, reaching the exacting skills and standards expected in a Royal Air Force junior officer.

SERE 35	Officer Cadet P A Bond BSc BDS
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NON COMMISSIONED AIRCREW INITIAL TRAINING COURSE AWARDS

The Air Gunners' Association Trophy is awarded to the cadet who, during NCA Initial Training, attained the highest overall academic performance.

NCAITC 264	Acr Cdt J H Bartlett
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The Butler Trophy is awarded to the Cadet, who during Non-Commissioned Aircrew Initial Training, has demonstrated the highest levels of team support and followership

NCAITC 262	Cdt J R Steele
NCAITC 264	Acr Cdt J H Bartlett
NCAITC 265	Acr Cdt A J Murray

The Bowering Trophy is awarded to the Cadet who, during Non-Commissioned Aircrew Initial Training, has demonstrated the greatest determination, effort and intrinsic motivation in physical education. His or her efforts were commensurate with the traditions, example and spirit of previous winners.

NCAITC 262	Acr Cdt A J Woodward
NCAITC 263	Acr Cdt L E Anyan BA
NCAITC 265	Acr Cdt S J Garner MSc BSc PGCE

The Training Trophy is awarded to the graduating SNCO who, during NCA Initial Training, has made the greatest improvement throughout the course.

NCAITC 264	Acr Cdt P S Howle
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The Cadet's Cadet Trophy is awarded to the cadet who, during Non-Commissioned Aircrew Initial Training Course, in the opinion of his or her peers, has made the greatest contribution to the course.

NCAITC 262	Cdt J R Steele
NCAITC 263	Acr Cdt A W Mortimer
NCAITC 264	Acr Cdt D Watts
NCAITC 265	Cdt J Tomlins

The Training Poignard is awarded to the Cadet who, during Non-Commissioned Aircrew Initial Training, has demonstrated consistently high levels of leadership and SNCO potential. His or her efforts were commensurate with the standards and spirit of previous winners.

NCAITC 265	Cdt A J G French
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RESERVE OFFICERS INITIAL TRAINING COURSE AWARDS

The Trenchard Trophy is awarded to the graduating Reserve officer who, during the Reserve Officers Initial Training Course, has achieved the best all-round performance

ROIT 50	Officer Cadet Thomas James BSc MBChB FCEM RAuxAF
ROIT 51	Officer Cadet Alexander Norman BSc MBChB RAuxAF

DEFENCE COLLEGE OF LOGISTICS AND PERSONNEL ADMINISTRATION ANNUAL AWARDS

The BAe Systems Prize is awarded to the student on the Defence Logistics Staff Course, latterly the Air Logistics Staff Course, who achieves the highest overall academic average throughout the duration of each Cohort.

Cohort 1	Lieutenant Commander S Forge RN
Cohort 2	Commander R Scandling RN

The AgustaWestland Prize is awarded to the student who submits the best individual academic essay throughout the duration of each Cohort.

Cohort 1	Lieutenant Commander S Forge RN
Cohort 2	Major N Torrington RLC

The Chartered Management Institute Prize is awarded to the student who achieves the highest aggregated mark, across 2 Cohorts, measured against 4 discrete academic management essays.

Cohort 1	Lieutenant Commander S Forge RN
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The Chartered Institute of Purchasing and Supply Prize is awarded to the student who submits the best Masters level dissertation during the academic year.

August 2016 - Prize Winners 2015 (3)

Cohort 1 Squadron Leader H Parr RAF
Cohort 5 Flt Lt H Wilkinson RAF

AIR WARFARE CENTRE CRANWELL

Andrew Humphrey Memorial Gold Medal is awarded to the Aerosystems Course member who is assessed by the staff as having achieved the highest overall standard throughout the Course and made the greatest personal impact upon the overall success of the Course. The award takes into account both academic and personal qualities.

No 44 Aerosystems Course Flight Lieutenant J B Cooke RAF

The Aries Trophy is awarded to the Aerosystems Course member who, in the view of the staff, submits the best personal project.

No 44 Aerosystems Course Lieutenant C R Fellows RN

The Edinburgh Trophy is awarded to the Aerosystems Course member who is assessed by the staff as having achieved the highest overall standard in the computer and communications related subjects on the course.

No 44 Aerosystems Course Lieutenant P J L Coughlin RN

The Royal Institute of Navigation Trophy is awarded to the Aerosystems Course member who is assessed by the staff as having achieved the highest overall standard in the navigation-related subjects of the Course.

No 44 Aerosystems Course Lieutenant I K Holmes RAN

The QinetiQ Trophy is awarded to the Aerosystems Course member who is assessed by the staff as having contributed the most in the Flight Trials module of the course.

No 44 Aerosystems Course Lieutenant C R Fellows RN

SELEX Trophy is awarded to the Aerosystems Course member who has achieved the best overall standard in the Sensors module.

No 44 Aerosystems Course Lieutenant C R Fellows RN

Old Crows' Award is awarded to the student who has submitted the best Electronic Warfare project.

No 44 Aerosystems Course Flight Lieutenant J C Harkin RAF

The Thales Trophy is awarded to the Aerosystems Course member who has submitted the best Industry Studies Exercise paper on the course.

No 44 Aerosystems Course Flight Lieutenant I D A Standen RAF

NO 3 FLYING TRAINING SCHOOL

The No 3 Flying Training School Sword of Merit is awarded to the student, at each graduation, who has produced the best overall performance during training, irrespective of rank. The award is subject to grades of 'high-average' or 'above-average' both on the ground and in the air.

Not Awarded.

The R M Groves Memorial Prize and Kinhead Trophy is awarded annually to the best all round Royal Air Force graduate from Elementary Flying Training.

2012 Winner Flying Officer Philip Dawe RAF
2012 Runner-up Pilot Officer Matt Pilbeam RAF

The Michael Hill Memorial Prize is awarded annually to the Royal Air Force graduate from Elementary Flying Training with the best proficiency in applied flying.

2012 Winner Flight Lieutenant Adrian Cooper RAF

The Meteor Trophy is awarded to the EFT Sqn that, in the opinion of HQ 3 FTS, has performed the best over the past year.

2012 Winner 115(R) Sqn

NO 1 ELEMENTARY FLYING TRAINING SCHOOL

The Bryan Memorial Trophy is awarded to the Royal Air Force student who has delivered the best performance during Groundschool.

EOT 175	Flight Lieutenant W Randle
176	Flight Lieutenant M J Turrell
EOT 177	Flight Lieutenant M Lawton
178	Flight Lieutenant P M Andrews
EOT 179	Flying Officer D Fitchie
180	Flight Lieutenant M E Patterson
EOT 181	Flying Officer K Bedford
182	Flying Officer D Milner
EOT183	Flying Officer E Joseph
184	Flying Officer L Matthews
EOT 185	Flying Officer R Franks
186	Flying Officer D Jones
EOT 187	Flying Officer E Sanderson

August 2016 - Prize Winners 2015 (4)

The VT Aerospace Trophy is awarded to the Royal Air Force student who has displayed the best performance in the air.

EOT 175	Flight Lieutenant Randle
176	Flight Lieutenant M J Turrell
EOT 177	Flight Lieutenant Hawkins
178	Flying Officer P J Morris
EOT 179	Flying Officer D Fitchie
180	Flying Officer A R Gilbert
EOT 181	Flying Officer G Young
182	Flying Officer J Leonard
EOT183	Flying Officer S Morris
184	Flying Officer J Greer
EOT 185	Flying Officer R Fawcett
186	Flying Officer A Macdonald
EOT 187	Flying Officer G Hobday

The Betram Dickson Trophy is awarded to the Royal Air Force student who gives the best overall performance in the air and on the ground.

EOT 175	Flight Lieutenant M Williams
176	Flying Officer C K J Pearson
EOT 177	Flight Lieutenant N Bartram
178	Flying Officer P J Morris
EOT 179	Flying Officer M Smith
180	Flying Officer A S Sandhu
EOT 181	Flying Officer K Bedford
182	Flying Officer J Leonard
EOT183	Flying Officer E Joseph
184	Flying Officer L Matthews
EOT 185	Flying Officer R Fawcett
186	Flying Officer L Travers
EOT 187	Flying Officer C Forster

The Macgregor Trophy is awarded to the Best Navigational sortie.

EOT 175	Flight Lieutenant M Williams
EOT 177	Flight Lieutenant J Hawkins
EOT 179	Flying Officer J Chadwick
EOT 181	Flying Officer G Young
EOT183	Flight Lieutenant A Steele
EOT 185	Flying Officer R Fawcett
EOT 187	Flying Officer G Hobday

The Laurence Minot Trophy

176	Flying Officer C K J Pearson
178	Flying Officer R A Desmond
180	Flying Officer M D McNamara
182	Flying Officer D Milner
184	Flying Officer S Smythe
186	Flying Officer A Macdonald

NO 45(RESERVE) SQUADRON

The Serco Trophy is awarded to the student pilot who gains the highest overall marks on Ground-School during Multi-Engine Advanced Flying Training (awarded subject to the student achieving an 'above-average' Ground-School assessment).

210L	Flight Lieutenant M Shaw
211L	Flight Lieutenant R Payne
212L	Flying Officer T Rodgers
213L	Flight Lieutenant A Davies
214L	Flying Officer M Buuham
215L	Flight Lieutenant D Turner
216L	Flight Lieutenant G Rees
217L	Flight Lieutenant L Nunn

Glen Trophy is awarded to the student pilot who gains the highest overall marks for flying (awarded subject to the student achieving a 'high-average' assessment).

210L	Flight Lieutenant M Burgess
211L	Flying Officer C Barker
212L	Flying Officer T Rodgers
213L	Flying Officer P Marshall
214L	Flying Officer J Dane
215L	Flight Lieutenant C MacCormack
216L	Flying Officer R Kiddie
217L	Flight Lieutenant S Reilly

Radley Trophy is awarded to the student pilot who gains the highest overall standard in academic studies and officer qualities (awarded subject to the student achieving an overall 'high-average' assessment).

210L	Flight Lieutenant M Pugh
211L	Flying Officer C Barker
212L	Flying Officer T Rodgers
213L	Flight Lieutenant A Davies
214L	E Bindloss Gibb
215L	Flight Lieutenant C MacCormack
216L	Flying Officer R Kiddie
217L	Flight Lieutenant D Pallace

August 2016 - Prize Winners 2015 (5)

The DaCosta Trophy is awarded at the discretion of Officer Commanding No. 45(R) Squadron, to the student who has shown the best overall improvement during the course.

210L	Flight Lieutenant J Tippet
211L	Flight Lieutenant D Bradley
212L	Flying Officer B Hewitt
213L	Flying Officer E Addlington
214L	E Bindloss Gibb
215L	Flight Lieutenant O Burrell
216L	D Hopkinson
217L	Flight Lieutenant M Buxton

The Air Loadmaster Trophy is awarded to the student who has achieved scores of over 90% during Initial Specialisation Phase and who has performed above average throughout the whole course.

33FW	Sergeant I Deeley
34FW	Not Awarded
35FW	Sergeant M Curtis
36FW	Not Awarded

The Reynold Trophy is awarded to the 3 FTS student pilot who achieved the highest overall standard in academic studies, flying and officer qualities and achieved an overall high average assessment.

35FW	Sergeant B Tempest-Roe
1EW	Sergeant M Colman
	Not Awarded

The Hamilton Trophy is awarded to the Weapon Systems Operator student who achieves the highest overall standards in the academic, synthetic and flying phases of professional training provided an above average overall assessment has been achieved.

1EW	Sergeant C Skelland
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ROYAL AIR FORCE CENTRAL FLYING SCHOOL, CRANWELL

Wright Jubilee Trophy. Retained by the Central Flying School at RAFC Cranwell, and permanently displayed in York House Officers' Mess, it is now awarded to the display pilot from 22 Group who gives the best flying displays through the season. Competing aircraft types are: Grob Tutor; Shorts Tucano; BAe Hawk; and Beechcraft King Air.

Flight Lieutenant J Bond RAF

Trenchard Memorial Prize. Nominations for the award of the trophy are for any individual or organisation that has made a noteworthy contribution to the art of flying instruction. The terms of the competition are set very broadly, as the wording of the inscription on the trophy leaves plenty of scope for nominations. Operational, as well as the training arms of the 3 Services, are invited to submit nominations. The 'art of flying instruction' is deemed to include instruction in a wide range of flying disciplines, for example specific weapon-delivery techniques or operational tactics.

No Awarding Notified

Gross Trophy is awarded to the student who has achieved the highest marks in Ground-School during the CFS course.

432 Main Fixed Wing Course	Flight Lieutenant A J Luckins RAF
433 Main Fixed Wing Course	Flight Lieutenant I D Brett RAF
434 Main Fixed Wing Course	Lieutenant A K Rotich (Kenyan Air Force)
435 Main Fixed Wing Course	Flight Lieutenant J W Boning RAF
436 Main Fixed Wing Course	Flight Lieutenant D C McHugh RAF

The Bulldog Trophy is awarded to the Grob Tutor Qualified Flying Instructor who has achieved the highest average marks and assessments throughout the CFS course.

432 Main Fixed Wing Course	Flight Lieutenant M J L Jones RAF
433 Main Fixed Wing Course	Flight Lieutenant I D Brett RAF
434 Main Fixed Wing Course	Flight Lieutenant M S Palmer RAF
435 Main Fixed Wing Course	Not Awarded
436 Main Fixed Wing Course	Not Awarded

The Bulldog Cup is awarded to the student who was judged to give the best aerobatic display in the Grob Tutor, during the CFS course.

432 Main Fixed Wing Course	Flight Lieutenant C Haywood RAF
433 Main Fixed Wing Course	Flight Lieutenant I D Brett RAF
434 Main Fixed Wing Course	Flight Lieutenant M S Palmer RAF
435 Main Fixed Wing Course	Not Awarded
436 Main Fixed Wing Course	Not Awarded

The Hopewell Trophy is awarded course to the Shorts Tucano student who has achieved the highest assessments, during the flying phase of the CFS course, for ability and instructional technique.

432 Main Fixed Wing Course	Not Awarded
433 Main Fixed Wing Course	Lt Cdr N J Gray RN
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Flt Lt C W Thompson RAF
436 Main Fixed Wing Course	Not Awarded

The Clarkson Trophy is awarded to the best Shorts Tucano aerobatic pilot on the CFS course.

432 Main Fixed Wing Course	Not Awarded
433 Main Fixed Wing Course	Flt Lt J Devine RAF

August 2016 - Prize Winners 2015 (6)

434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Flt Lt T Morgan RAF
436 Main Fixed Wing Course	Not Awarded

The Hawk Trophy is awarded to the best BAe Hawk instructor on the CFS course.

432 Main Fixed Wing Course	Not Awarded
433 Main Fixed Wing Course	Lt N Mattock RN
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Flt Lt T Morgan RAF
436 Main Fixed Wing Course	Not Awarded

The Indian Air Force Trophy is awarded periodically on CFS courses for outstanding effort and determination.

432 Main Fixed Wing Course	Not Awarded
433 Main Fixed Wing Course	Flt Lt G Austin RAF Flt Lt E J Dudley RAF
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Not Awarded
436 Main Fixed Wing Course	Not Awarded

The CFS Trophy is awarded periodically, when merited, to the best all-round student on the CFS course.

432 Main Fixed Wing Course	Not Awarded
433 Main Fixed Wing Course	Lt Cdr N J Gray RN
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Not Awarded
436 Main Fixed Wing Course	Not Awarded

The Folland Trophy is awarded to the BAe Hawk student who demonstrated the best navigational skills throughout the CFS course.

432 Main Fixed Wing Course	Capt P Duborgel (French Air Force)
433 Main Fixed Wing Course	Flt Lt S Exley RAF
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Not Awarded
436 Main Fixed Wing Course	Not Awarded

The Top Hat is awarded to the student who achieves the lowest marks in Ground-School during the CFS course.

432 Main Fixed Wing Course	Flt Lt M J L Jones RAF
433 Main Fixed Wing Course	Flt Lt D I Bradbury RAF
434 Main Fixed Wing Course	Not Awarded
435 Main Fixed Wing Course	Sqn Ldr AA Durrani (Pakistani Air Force)
436 Main Fixed Wing Course	Wg Cdr D Legg RAF

AIR CADET ORGANISATION ANNUAL AWARDS

The Lees Trophy is awarded annually to the Squadron which is judged to be the best in the Corps, in overall achievement and efficiency, during the assessment year. This award takes into account size, location and facilities.

2160 (Sleaford) Sqn

Morris Trophy, the runner-up to the Lees Trophy, is awarded annually to the Squadron which is judged to be the second-best in the Corps, in overall achievement and efficiency, during the assessment year. This award takes into account size, location and facilities.

633 (West Swindon) Sqn

The Commandant's Special Award is awarded to any element of the Air Cadet Organisation, whether individual or Squadron, that merits formal recognition of their achievement, in the opinion of the Commandant.

282 (East Ham) Squadron

Dacre Sword is awarded to the best male cadet, based on all-round performance.

Cadet Warrant Officer Luke Horrobin - 425 (Aldridge) Sqn

Dacre Brooch is awarded to the best female cadet, based on all-round performance.

Cadet Warrant Officer Sarah Flower - 215 (City of Swansea) Sqn

The Ganderton Sword is awarded to the officer who, on the recommendation of the Adult Training Facility Directing Staff, has performed to the highest degree in all aspects of the Officers' Initial Course.

Pilot Officer Elizabeth Tunley - 2313 (Chalfonts) Sqn

The Quinton Memorial Trophy is awarded to the SNCO who has achieved the highest academic results whilst on the SNCO Initial Course.

Sergeant (ATC) Thomas Hughes - 2056 (Knutsford) Sqn

The Shackleton Trophy is awarded to the Region, Wing or Squadron which mounts the most successful, imaginative and adventurous expedition.

London Wing - (Expedition to Tanzania)

The Air Squadron Trophy is awarded to the best CCF (RAF) unit of the year.

Dulwich College CCF

Sir John Thomson Memorial Sword is awarded to the best CCF (RAF) cadet of the year.

Cadet Warrant Officer Benjamin Moor - Colston's School CCF, Bristol

August 2016 - Air Cadets (1)

DUCHESS LAUNCHES AIR CADETS' 75TH ANNIVERSARY

In her first official engagement as Patron of the RAF Air Cadets¹, HRH The Duchess of Cambridge has launched a year of cadet activity to celebrate the 75th anniversary of the formation of the Air Training Corps (ATC).

The Duchess attended a church service at the RAF Church at St Clement Danes², London and a reception held nearby at the Royal Courts of Justice.

She met cadets, veterans and adult volunteers at the early February service and reception.

The Duchess took over the important role of Patron from HRH The Duke of Edinburgh just before Christmas 2015, ending his 63-year association with this world-renowned uniformed youth organisation.

In her appointment the Duchess also represents members of the 200 RAF sections of the school-based Combined Cadet Force (CCF). Many units are also celebrating their 75th anniversary in 2016.



The Duchess³ is only the third member of the Royal family to represent the RAF Air Cadets; she follows HRH The Duke of Edinburgh and, before him, HM King George VI.

¹ The RAF Air Cadets comprises both the Air Training Corps (ATC) and Combined Cadet Force (RAF) – CCF (RAF);

² St Clement Danes Church, The Strand, London is the official church of the Royal Air Force.

³ It is the Duchess's first military linked appointment and she represents an organisation of 42,000 air cadets aged 12-19 and 15,000 adult volunteers at more than 1,200 units across the UK and abroad (ATC – 1,000 squadrons; CCF RAF – 200 school based units).

The Duchess of Cambridge has a close affiliation to the RAF following her husband's service with the Search and Rescue Force.

Commandant Air Cadets, Air Commodore Dawn McCafferty, said: *"It is a real honour for us to have HRH The Duchess of Cambridge as our new Honorary Air Commandant and it is wonderful that she joined us on such an auspicious occasion."*

The cadets escorting the Duchess were the top ATC cadets of 2015, Cadet Warrant Officer David Timson, 19, of 1461 (Wigston and District) Squadron and Cadet Warrant Officer Lucinda Conder, 19, of 344 (Fulham) Squadron.

David said: *"This is an amazing occasion in the history of the Air Cadets and something I will never forget."*

Lucinda said: *"I love the Air Cadets, the opportunities it offers are brilliant and today was so special for us – we marked our 75th anniversary in true royal style – thank you to the Duchess of Cambridge and to our wonderful volunteers and veterans."*

Also attending the event were Chief of the Air Staff, Air Chief Marshal Sir Andrew Pulford, (himself a former air cadet) and other members of the Air Force Board, senior members of the RAF Air Cadets and RAF Air Cadet Ambassador, Honorary Group Captain Carol Vorderman.

More than 500 cadets and volunteer staff filled the pews at St Clement Danes having first paraded through the streets of London.

A handful of veterans, now in their 80s and 90s also attended and recalled the early years of the ATC.

Talented young musicians from the RAF Air Cadets' musical quintet played at both the service and reception.

The event received world wide news coverage reaching as far as Canada, America, Australia and several countries in between.



The 75th anniversary coincides with a recruitment campaign to bolster the number of adult volunteers who keep the ATC's 1,000 squadrons running. Anyone interested in joining should log on to www.raf.mod.uk/aircadets.

There are a number of events planned throughout 2016 (see list below) to mark the anniversary of the ATC which was established in 1941 to help train young men in aviation skills before they joined the RAF to defend their country during WW2.

Females were allowed to join as cadets in the early 1980s and across the years the recruitment remit changed. The organisation is not a recruitment vehicle for the RAF although many former cadets go on to have highly successful careers in the Armed Forces.

Like their predecessors, cadets today enjoy a wide range of exciting and challenging activities, ranging from flying and gliding to target shooting, camping, sport, expeditions, music, community service, drill and ceremonial as well as academic subjects leading to NVQs.



The Duke of Edinburgh's Award, adventure training, leadership and teamwork are all part of the twice-weekly programme for cadets. Adult volunteers can also gain valuable life skills and qualifications.

An estimated 2 million UK citizens are either former air cadets or associated with the ATC and CCF (RAF).



August 2016 - Air Cadets (2)

VIBRANT PACKAGE OF EVENTS FOR 75TH

Planning for the RAF Air Cadet's 75th continued throughout 2015 with many branches at HQ Air Cadets, RAF Cranwell involved in addition to planning in Regions and Wings.

Activity	Status
Woodland Trust Tree Planting in each Region	Discussions to create a legacy for the environment.
ATC 75 Baton Relay	A 6-week cross country baton relay involving all regions and wings from John O'Groates to Predannack VGS, Cornwall; summer 2016.
Cross Channel Relay Swim	Two teams of eight swimmers per team to swim under Channel swimming rules to ensure recognition upon completion. July 2016.
Aerospace Camp at RAF Syerston	An aviation and engineering themed camp for 160 cadets planned for the end of August at RAF Syerston; August 2016
Flagship Parade at RAF Cranwell	350 cadets showcase their skills in a flagship parade; August 2016.
Music-on-the-Orange	Concert featuring cadet, adult volunteer and professional performers, August 2016.
Commemorative Artwork	Oil painting of ATC 75 Parade and a poster of 75th events have been commissioned; copies of limited edition prints to go to every squadron.
Sports Challenge	A series of 5 physical challenges to be completed at squadron level throughout June 2016.
Time Capsule	To be buried outside HQAC and opened on the ATC 100th anniversary in 2041.
Sponsorship – RAF Cadet Development Trust	A new bursary scheme to help cadets and junior staff transition to the world of employment. Scheme to launch 2017 after fundraising in 2016.
Cosford Air Show/ RIAT 16/ Farnborough 16	RIAT has agreed to devote one day to 'youth' and ATC 75 and cadet presence will be enhanced via drill and music displays and mass march past. Enhanced presence at Farnborough and Cosford also planned.
RAF Museum Exhibition	Charting the history of the ATC from 1941 to present day. Supporting material is included in display cases, display items and a DVD on a loop. Open now.

* For more information on the RAF Air Cadets see www.raf.mod.uk/aircadets.

August 2016 - UAS (1)

UNIVERSITY AIR SQUADRONS

University Air Squadrons assumes new chain of command

OVERVIEW

This has been another challenging yet rewarding year for the University Air Squadrons (UAS). Under the direction of the Commandant RAF College Cranwell a review into the future of the UAS organisation was completed and its recommendations endorsed by the Air Officer No 22 (Training) Group in September 2015. The aim of the review was to position the organisation for the post Military Flying Training School (MFTS) era and a key outcome was the re-formation of No 6 Flying Training School on 7 September to command and administer the 14 UAS. A small 15th UAS has also been re-established in Northern Ireland whilst waiting the funding to bring it up to full flying status.

Following the review, the UAS mission has been refreshed with a greater emphasis on recruiting, placing the UAS at the heart of a scheme to stimulate Graduate entry into the RAF. Indeed, 6 FTS now has a formal recruiting target to deliver 30% of the officer cadre into Initial Officer Training. To put this into perspective, 32 Bursaries were awarded and 47 former UAS members joined the RAF as officers in the academic year to 31 Aug 15. The number of Bursaries available each year is set to rise nearly 5-fold to 150.

Student membership of the UAS remains initially for 2 years, subject to meeting the required training objectives and continuing eligibility. In the December and January of their first year, Officer Cadets (UAS) are required to undertake the aptitude Test in Advance at the Officer & Aircrew Selection Centre (OASC) in order to inform them of the Branches which might be open to them. A third year's membership is dependent upon attendance at OASC in their second year and being deemed suitable for selection to the RAF.

The Review endorsed the retention of 1,000 students and an uplift in establishment to deliver the revised offer. New posts include the Commandant 6 FTS, Wing Commander UAS North (also to be Station

Commander RAF Woodvale), 9 additional Qualified Flying Instructors and 5 more RAF Regiment instructors (all Full Time Reserve apart from the Commandant). These enhancements will enable the UAS organisation to deliver up to 8 hours flying for each UAS student per year, to put in place a more challenging and rewarding training programme to stimulate recruiting, and to de-risk elements of Phase 1 & 2 training, thereby reducing time in the training pipeline and associated costs.

Recent changes to the UAS ground training syllabus and Royal Auxiliary Air Force (RAuxAF) procedures have also made it easier for ex-UAS students to join the Reserves and 9 former UAS members took this path in 2015. An important element of the UAS task is to deliver air experience flying as part of the continuum of influence and recruitment on behalf of the Air Cadet Organisation (ACO). The UAS flew 10,500 air experience flying hours which translates into 19,000 air cadets being flown.

TRAINING

Flying is the unique selling point of the UAS and, according to a recent study by Newcastle University, 84% of undergraduates who express a desire to join the UAS are attracted by the opportunity to learn to fly, irrespective of their career aspirations. The 8 flying hours per year allocated to each student allows for syllabus completion over 3 years, leading to the award of the UAS Preliminary Flying Badge



UAS STRIKE Exercise – Stanford Training Area.

(PFB). Those undergraduates who complete the basic syllabus may go on to fly the advanced course, which covers aerobatics, enhanced navigation and formation flying. This year over 100 cadets went solo and 25 were awarded their PFB.

Force Development Training through the media of Adventurous Training (AT), Force Protection (FP), Staff Rides and charity work provides the backbone of ground-based UAS activity. These practical exercises supplement the formal General Service Training lessons to engage and enthuse as well as to educate and train. One of the more challenging of the 45 overseas expeditions conducted in 2015 saw 10 cadets from the East of Scotland and Glasgow & Strathclyde squadrons sea kayaking off the north west coast of Vancouver Island. This self-sufficient exercise encountered humpback whales, sealions, bald eagles

Left & Below: ESUAS/UGSAS Joint Exped TARTAN ORCA.



and numerous Orcas. Students took turns in leading the day's activities, assisted by their instructors, with the responsibility to organise the day's events from planning the route, timings and meals to the welfare of the team. At the end of each day the group would have an open review, highlighting the strengths and areas for improvement of each leading pair. Coupled with this, evening discussions took place relating to areas such as leadership and teamwork.

An important and popular element of the FD package is the FP 'STRIKE' exercises held during the summer vacation. In the past these 10-day exercises, based at Cranwell with a 2-night deployment to STANTA, have focused on teaching fieldcraft and consolidating essential military skills. Following an in-depth review and comprehensive risk assessment this year the exercises were reduced in scope and size to enable a more personalised level of supervision and greater emphasis on leadership. Every cadet had a lead of up to 1.5 hours duration in either a FP scenario or a command task-oriented exercise such as those conducted on Initial Officer Training (IOT). After some initial scepticism the student cadre has seen the benefits and the last exercise was over-subscribed.

Sport also plays a significant part in UAS life with all sqns coming together 4 times a year to compete for the Commandant's Cup. The first event was the swimming and 'superteams' at Cranwell, followed by 5-a-side football, which replaced the traditional 7-a-side Rugby tournament this year in response

August 2016 - UAS (2)

to a spate of minor injuries. Taken with the results from the Service Rifle shoot at Altcar and hockey at Cosford, the cup went to Bristol UAS with East Midlands the runners-up.

ACTING PILOT OFFICERS' COURSE

Culmination of the UAS training year is the 10-day APO commissioning course. This course for those senior students selected to be the following year's executives on each UAS is conducted at Cranwell by OACTU. 50 cadets attended No 5 Course in July and were reported as being a credit to their respective sqns. The course gives a flavour of the IOTC, aiming to polish their oral and written communication, drill and deportment, underpinned by practical leadership exercises which build on the leadership theory they've received. Coincidentally this year, the AOC 22 (Trg) Gp, AVM Turner was visiting the College and agreed to review the graduation parade



UAS STRIKE Exercise – Stanford Training Area.

on an overcast Saturday morning on No1 Parade Square. Work is shortly to commence on developing the APO Course to provide a bridge for UAS Bursars going into the re-structured IOTC.

August 2016 - OACTU (1)

OFFICER & AIRCREW CADET TRAINING UNIT (OACTU)

The ultimate training entity

The main course consists of 3 terms, namely the Foundation Term (teaching), Development Term (developing) and the Applied Term (exploring). Each term is 10 weeks in duration and there are periods of leave at the end of the first 2 terms. A recommendation for graduation will be confirmed at the end of the third term, subject to a continued positive attitude to training and successful performances on all assessed events during the term. The underpinning elements of the Course are based on the Ethos, Core Values and Standards of the Royal Air Force, namely, Respect, Integrity, Service and Excellence and the efforts of the cadets during the Course are recognized with the award of a graduation with Pass, Merit or Distinction.

Foundation Term. During the Foundation Term, the cadets undergo an intensive programme of Command and Control Leadership, Physical Education, Drill and Military Skills Training. They also undertake self-awareness and team building training at the Force Development Training Centre,



Fairbourne. Cadets undertake a number of leadership exercises designed to help in the development of an individual's leadership style. These exercises start in the OASC hangar, with simpler tasks and build up to a small scale deployment in week 10 for 5 days at Beckingham ranges on Exercise ACTIVE EDGE. Term 1 also sees the start of the Air Power Studies (APS), delivered by the lecturers of Portsmouth Business School. This includes lectures and Syndicate Room Discussions, when a cadet is chosen to research then lead a discussion on a specific APS topic. The term's APS work culminates in the first of 2 essay based examinations. Subject to a successful completion of all elements of the term, cadets will progress to the second term.

Development Term. The second term continues to develop the leadership skills of the cadets by introducing them to transactional leadership and the concepts of Mission Command. Cadets undertake 2 leadership deployments, the first of which takes place at an Army Training Area where the scenario underpins the type of activity military personnel would engage in when offering aid to the Civil Authorities. The second leadership exercise is Exercise DECISIVE EDGE 1 held at RAF Syerston, where the cadets are tested on their leadership abilities as they provide the Force Protection for a large-scale 10-day exercise on an austere Deployed Operating Base (DOB). The Exercise simulates the expeditionary nature of current RAF operations, with cadets living in tented accommodation. The term also incorporates a continuing educational programme during which cadets are taught about Air Power and submit a 1500 word academic paper (The Bandar Essay) on a related topic as well as sitting the second APS examination.

Applied Term. Having been given a re-commendation for progression to Term 3, the emphasis of the third term is on the continued empowerment of the cadets, whereby they are given increasing responsibility for their own development as junior officers. Cadets undertake a 4-week Carousel Period, during which they complete the 2-week Basic Air Warfare Course; a self-organized one week leadership training exercise to Force Development Training Centre, Grantown-on-Spey and the 2-day Care in Leadership Course at RAF College Cranwell or Amport House, led by Padres. Upon return from the Carousel, cadets undertake a planning exercise, using the estimate process, in preparation for their second deployment to RAF Syerston on Operation MUCRONIS BLADE, otherwise known as Exercise DECISIVE EDGE II. This assessed exercise runs concurrently with Exercise DECISIVE EDGE I. It provides cadets with the opportunity to undertake 48 - 72 hours of command leadership roles in a simulated Command Operations Centre, where they are responsible for running all aspects of the DOB. Subject to a continued satisfactory performance throughout the term, the cadets are recommended for graduation.

Validation for the extant IOT course came in December 2015 in the form of an Ofsted inspection. Ofsted began inspecting the effectiveness of welfare and duty of care for recruits and trainees in the Armed Forces in 2008. The Armed Forces recognise the importance of providing safe and secure training environments that will enable the 15,000 plus people who every year enter the initial training system to recognise their full potential; the 3rd party audit provided by Ofsted helps to assure this process. RAFC Cranwell received the highest grading of 'Outstanding' in all criteria examined by Ofsted – a first for any military training establishment.

August 2016 - OACTU (2)



In the last quarter of the year the RAF's successes in the Strategic Defence and Security Review (SDSR) necessitated an increase in RAF recruitment's Into Training Targets in order to man the uplift in airframes prescribed in the SDSR. Consequently, the number of Graduations delivering the requisite increase in officers to the Phase 2 schools needed to increase; to facilitate this the extant IOT course will change from the current 34 weeks to a 26-week course. This change will be delivered, with the first full 26-week course commencing, in April 2016.

THE INTER-COLLEGIATE GAMES

Sports teams from the RAF College visited the Air Academies in both Breda, Holland and Salon de Provence, France, and on both occasions the RAFC Cranwell cadets demonstrated determination in the sporting arena. Unfortunately, on both occasions, neither event yielded an overall victory as the Netherlands Royal Military Academy proved too strong for our team and Ecole de L'Air an equal match with a draw overall. Unfortunately there was



not a 2015 competition involving the UK Military Academies because RMA Sandhurst, Dartmouth and the RAF College's programmes were not able to be aligned. There is a competition planned for 2016 to re-invigorate the Inter Service rivalry and foster positive relationships between the 3 Services. The RAF Officer Cadets also competed against the Cranwellians Association members, including the CAS and Sir Stephen Dalton, however the strength in maturity over shone the Junior members of the RAF and the Cranwellians Association proved victorious.

A SQN NON-COMMISSIONED AIRCREW INITIAL TRAINING COURSE

A Sqn delivers a series of short courses aimed with the provision of initial training to a more focused audience in a condensed time frame

SPECIALIST ENTRANT AND RE-ENTRANT (SERE) COURSE

The SERE Course is currently an intensive 11-week package beginning with a one week induction package to introduce the cadets to drill, PED and leadership theory. This is followed by the main 7-week leadership and officer development phase culminating in Exercise VITAL EDGE, which is an applied leadership exercise undertaken at Beakingham Training Area. The final 3 weeks of the Course consist of further officer development, academic work and preparation for graduation.

The Leadership Training syllabus is a condensed version of that used on the 30-week Initial Officer Training Course (IOTC) and forms the largest element of the Course. The syllabus commences with intense theoretical training in the classroom and continued with a 3-day Force Protection-based scenario at Beakingham Training Area. The basic principles of command and leadership are put into practice during a 5-day Field Leadership Training Exercise held at Stanford Training Area. The students also experience field living conditions during these exercises. The leadership training culminates with their deployment alongside their IOTC colleagues on Exercise VITAL EDGE. The students first have to pass their main leadership test alongside their IOTC colleagues from the Intermediate Sqn before joining cadets from the Senior Sqn carrying out A1-9 roles

in the Combined Operations Centre at Grantham Barracks on Ex DECISIVE EDGE.

Other subjects covered within the syllabus included an introduction to the conventions of Defence Writing, Oral Communication, Air Power Studies, Land Navigation and Essential Service Knowledge. Extensive lessons in PED are also programmed. For the majority of the syllabus the SERE cadets are integrated wherever possible with their main IOTC counterparts during instructional periods. The students take part in social activities in which they are likely to be involved as officers in the RAF. They attend a Meet and Greet evening, Training Dining-In Night, Cadet Drinks and Graduation Dining-In Night; all of which have introduces them to the formal and informal aspects of Mess life.

The culmination of all the training objectives above creates an intensive, quick paced course that develops Specialist Entrants and Re-entrants into credible Junior Officers of the RAF.

ROIT

This cohort has a very healthy output of short courses, some of which are polar opposites from each other and all of which have a rather eclectic student base.

RESERVES OFFICER INITIAL TRAINING (ROIT)

There are both similarities and differences from the main IOT cohort. In terms of similarities, ROIT candidates are subject to the same OASC process as their full time peers. Conversely, there is no direct entrance scheme to a reserve commission. They have

to have served in the ranks back on their parent unit and passed the Reserves Phase 1, Basic Recruit Training Course at RAF Halton before applying to commission.

The course attracts a bewildering cross section of achievers from society at large. Previous cadets have included retired hedge fund managers, a female British Airways pilot, a number of NHS consultants and a strategic level manager from BT to name but a few.

In terms of the programme, they will have to complete 4 training weekends, split into 2 weekends set either side of a 16 day residential course. During the course, ROIT cdt's are sequenced with the SERE course and undergo the same testing strategy. Whilst it is not mandated, almost without exception, ROIT cdt's will remain at RAFC Cranwell for a further 4 days of ceremonial training in order to graduate with IOT and SERE. This, by the very nature of being a reserve, is all undertaken during their time of work.

THE COMMISSIONING WARRANT OFFICERS COURSE (CWOC)

The CWOC is now a 4 week course comprising of 2 weeks of training in order to prepare the individual for the transition to Junior Officer (ergo from the top of one tree to the bottom of another) and, post Graduation, the Basic Air Warfare Course (BAWC). Well received by those who have attended, the CWOC has a mix of guest speakers and academic presentations to best prepare them for their new appointment. There is also plenty of drill to massage their trepidations at being mercilessly thrown in with IOT and SERE for graduation practice after what



August 2016 - OACTU (3)

has quite often been a career spanning decades of dodging any and all parades.

THE UNIVERSITY INDUCTION COURSE (UIC)

This is the polar opposite of the CWOC with the UIC being aimed at those at the very start of their RAF journey. The UIC is to prepare and qualify those young men and women have been selected for an RAF bursary in order to complete a degree. Typically 40 strong, the course programme includes rudimentary leadership lessons, initial kitting, and RAFFT and swim test. The course is conducted over a period of 4 days.

THE UNIVERSITY AIR SQUADRONS ACTING PILOT OFFICERS COURSE (UAS APO)

The cream of the UAS, selected to attend a 10 day leadership course. A thoroughly enjoyable course with forward leaning, highly motivated university students who soak up what they are taught. The course includes a 3 day practical leadership exercise and culminates with a graduation ceremony. Successful candidates return to their UAS, holding the influential rank of Acting Pilot Officer and will adopt the role of coach and mentor to the junior sqn members as well as drive the direction of the unit forward.

NON-COMMISSIONED AIRCREW INITIAL TRAINING COURSE (NCAITC)

NCAITC provides the foundation skills, values and knowledge required to enter specialist training as responsible, professional and effective Air minded SNCOs. NCAITC cadets will already possess basic military skills, having joined direct from the Basic Recruit Training Course (BRTC) at RAF Halton, or having previously served in the ranks. The Course is intensive, with challenging training designed to quickly develop leadership and SNCO qualities in arduous, testing conditions. Cadets will undertake initial navigation and leadership exercises at RAFC Cranwell, progressing on to further leadership exercise at STANTA in which the cadets are required to 'bivvy' out, reducing their capacity and increasing their fatigue. Final training serials are conducted at

Otterburn Training Area (OTA) before the tested^b. phase which is also completed on OTA. All of our training and exercises aim to produce a courageous^c. and determined fighting spirit, mental agility and physical robustness, an ability to handle ambiguity and a myriad of other traits and qualities we not only expect, but ultimately require, of our prospectived. future RAF SNCOs.

CHARITY

Over the course of 2015, elements from SERE^e. ROIT and NCA worked both collaboratively and independently to raise in excess of £3410 for an array of deserving charities including, but not exhaustive, The Royal Voluntary Service, Lincolnshire and Nottinghamshire Air Ambulance and the Soldiers^f. Sailors and Air Force Association (SSAFA).

B SQN, IOT 40

Initial Officer Training Course No 40 (IOTC 40) graduated with 90 cadets on Thursday 24 September 2015. Of these, 13 cadets graduated with a distinction (score over 123), 41 cadets graduated with a merit (score over 106) and the remaining 36 cadets graduated with a pass.

The Sqn performed highly across the duration of^g. IOTC 40. The cadets made steady but consistent progress in each of the leadership exercises. Exercise DECISIVE EDGE 2 took place in Sep 2015 and was the last to be delivered on IOT in its current form. The exercise enabled cadets to operate from a deployed Command Operations Centre and to utilise the 7 questions Estimate process to plan and execute a successful deployment to RAF Syerston. The extensive planning phase leading up to the exercise proved invaluable for the cadets, resulting in a successful deployment. Whilst the overall concept of the exercise will remain the same, future Exercise DECISIVE EDGES will be delivered in the Combined Operations Centre training facility at the Prince William of Gloucester Barracks, Grantham.

Throughout IOTC 40 the cadets and staff attended the following visits:

- a. In Feb 15, 30 cadets and 2 staff from IOTC 40 visited the French Air Academy for the Intercollegiate Games.

In Apr 15, one member of staff from IOTC 40 visited the Turkish Defence Academy.

In May 15, 30 cadets and 2 members of staff from IOTC 40 visited the Dutch Air Academy for the Intercollegiate Games

In Jun 15, one cadet and member of staff from IOTC 40 visited the Paraguayan Defence Academy.

In Jun 15, 16 cadets and 3 members of staff from IOTC 40 were involved in a staff ride to Brussels. The visit was designed to increase cadet knowledge of military history; in particular World War 2 focussed sites.

All members of IOTC 40 travelled to London to visit the RAF Club and the RAF Museum at Duxford. The visit included a fireside chat with the Chief of the Air Staff at RAF High Wycombe. This enabled the cadets to gain a greater appreciation of RAF heritage and the current strategic focus, discussions surrounding the New Employment Model, manning levels and proved immensely valuable.

In Oct one member of staff and two recently graduated officers visited the Republic of Korea's Air Force Academy. This was an excellent visit that allowed both staff and newly graduated officers to exchange ideas and debate the benefits of the OACTU trg syllabus with allied partners that operate a very different trg environment. The interaction with these nations has improved understanding of the RAF commissioning scheme and projected the RAF in a positive manner with both the hosting and attending nations. There would be numerous benefits in delivering this type of International Defence engagement at RAFC Cranwell. The high level of interest in OACTU was overwhelming and our ability to train our officers in such a short period in comparison to the trg systems of the other attendees. However, it is acknowledged there would be a considerable financial commitment required by the College to provide a visit programme that could match that of the ROKAFA International Week.

During the 9 months of training at RAFC Cranwell, IOTC 40 represented the College in 2 Intercollegiate Games (ICG). During Term 1 IOTC 40 personnel represented the College against the French Air Academy resulting in an overall win for the RAF. In Term 2 IOTC 40 personnel competed against the Dutch Air Academy in the Netherlands resulting in another win for the RAF.

During Term 2, IOTC 40 personnel represented the College in 2 away fixtures versus both the French Air Force (FAF) and the Dutch Air Force (RNAF). The results from these 2 fixtures were a win against the French, but a defeat against the Dutch.

In total IOTC 40 raised £8490 for charity. The money was donated to 3 chosen charities:

- a. Action Duchenne
- b. Combat Stress
- c. The Lincolnshire and Nottingham Air Ambulance.

In addition to this, a number of personnel from IOTC 40 volunteered at Woolsthorpe Manor helping to maintain the historic home of Isaac Newton.

C SQN IOTC

Initial Officer Training Course No 41 (IOTC 41) graduated with 81 cadets on Thursday 17 December 2015. Of these 11 cadets graduated with a distinction (score over 123), 38 cadets graduated with a merit (score over 106) and the remaining cadets graduated with a pass.

The Sqn performed highly throughout the duration of IOTC 41. Exercise DECISIVE EDGE 2 took place in Dec 2015 and was the first to be delivered on IOT from Prince William of Gloucester Barracks in Grantham. The exercise enabled cadets to operate from a deployed Combined Operations Centre and to utilise the 7 question estimate process to plan and execute a successful deployment. The extensive planning phase leading up to the exercise proved invaluable for the cadets, resulting in a successful deployment. There were some learning points, as was to be expected with a new exercise format, but the cadets learnt a great deal and feedback was extremely positive.

August 2016 - OACTU (4)



Throughout IOTC 41 the cadets and staff attended the following visits:

- a. In Sep 15, 17 cadets and one staff member from IOTC 41 visited France and Belgium for a battlefield tour of leadership and air power in WWI and WWII.
- b. In Oct 15, one member of staff from IOTC 41 visited the United States Air Force Academy (USAF) Colorado Springs, Colorado, USA. This was part of the annual 'International Week' which the Academy holds and invites representatives from around the world. The week comprised of time with the USAFA cadets, visiting their facilities, and excursions into the local area all the while developing international relations and links between personnel of different Air Forces.
- c. In Nov 15, IOTC 41 and 7 members of staff visited the London RAF Club, RAF Bomber Command Memorial and RAF Museum Hendon. The visit included a fireside chat with DCAS and enabled the cadets to look at the more strategic focus of the RAF.

Off Cdt O'Boyle ran the London Marathon, coming an incredible 73rd out of 38,000. He took part in a number of other races, including the South Downs 100 Mile Relay event, the Combined Services 10

Mile Inter-Area Race in Nottingham, the RAF v Cambridge Uni v East of England race and he also ran in the Combined Services Half Marathon Inter-Area Race in Cardiff.

Off Childs competed in the RAF Inter Stations Inter Services Hockey Tournament at HMS Temeraire.

Off Cdt Bird swam 50m & 100m Backstroke in the RAF Inter Station Swimming Champs at RAF Cranwell.

Off Cdt Gibbens cycled 61 miles for the Change Gear cycling event in Nottingham.

In total, IOTC 41 has raised £2,393.64 for charity. The chosen charity to receive the donation is Educate 4 Life.

D SQN IOTC

Initial Officer Training Course No 39 (IOTC 39) started on 13 Oct 14 with 87 cadets and graduates with 63 cadets on 18 Jun 15. Of these, no cadet graduates with a Distinction (score over 151.5), one cadet graduates with a Merit (score over 136.5) and the remaining 62 cadets graduate with a Pass. The Course structure is at Annex A, the student numbers are at Annex B and the details of prizewinning cadets are at Annex C.

Course performed well in the field, making steady progress during early leadership exercises. For the second Exercise DECISIVE EDGE the course utilised the Estimate process to plan and execute a successful deployment of 159 cadets to RAF Syerston. The establishment of a dedicated EAW planning facility greatly improved the ability of the cadets to adequately plan, rehearse and initiate the deployment. The deployment phase of the Exercise ran smoothly and was well led by IOTC 39 operating from the Command Operations Centre.

As part of the course content, the cadets and staff of IOTC 39 travelled to London to visit the RAF Club and the RAF Museum at Hendon. This visit, which also includes a fireside chat with the Chief of the Air Staff, is designed to inform the cadets of what the RAF was like in the past and what they can look forward to in the future.

During the 9 months of training at RAFC Cranwell, IOTC 39 has represented the College in 3 Inter-Collegiate Games (ICG). During Term 1 IOTC 39 personnel represented the College versus the British Army at the Royal Military Academy Sandhurst, resulting in an overall win for the RAF.

During Term 2, IOTC 39 personnel represented the College in 2 away fixtures versus both the French Air Force (FAF) and the Dutch Air Force (RNAF). The results from these 2 fixtures were a win against the French, but a defeat against the Dutch.

Throughout the duration of IOTC 39 the cadets took part in a number of charity events in order to raise money and awareness for their chosen charities. In sum a total of £8017.00 was raised and donated to the RAF Benevolent fund.



August 2016 - Flying First Impressions (1)

ELEMENTARY FLYING TRAINING – A STUDENT'S EXPERIENCE

by Flying Officer Jamie Bunting MEng RAF

After completing a gruelling nine months of Initial Officer Training (IOT) at RAF College Cranwell trainee pilots are thrust into the world of flying training. Selected to join either 57(R) Sqn or 16(R) Sqn they must first complete Groundschool and Survival, Evasion, Resistance and Extraction (SERE) training before being allowed near an aircraft. After completing Elementary Flying Training (EFT) they are streamed Fast Jet, Rotary or Multi-Engine and move on to the next stage of their flying career.

WHERE'S MY AIRCRAFT?!

Not all of flying training takes place in the cockpit; SERE training prepares pilots for the less desirable times when they have had to abandon the aircraft. The highly qualified instructors at Aircrew SERE Training Centre (ASTC) at RAF Cranwell teach students the physical and psychological skills needed to preserve life, improve their condition and facilitate recovery. The first week is classroom and site-based. Students are taught how to build their own shelters: these can then be customised with heat reflectors and drying racks; however, interior decoration is strictly limited to what can be found on the forest floor. A highlight of the first week is the day in the environmental pool: students learn how to enter water from height and set up life rafts, all while being buffeted around in complete darkness, driving rain,

gale force winds and sea state six. Fortunately, sea sickness tablets are handed out at the beginning.

SQUIRREL À LA CARTE

The second week is the field phase - Ex MOORTREK. Students have their new knowledge put to the test demonstrating they can build shelter, signal for help, collect water and make fires. Psychologically, the hardest part is doing without three meals at the Mess every day. Culinary skills learnt include: how to make infusions and teas from various plants, preparing rabbit and making squirrel jerky. Some skills are more transferrable to the kitchen than others!

BACK TO THE CLASSROOM

The students gladly return to their warm beds and regular meals during the six weeks of Groundschool where they learn the academic side of aviation. Those who have had some previous flying experience with a University Air Squadron have a familiarity with the flight instruments and navigation; however, *ab-initio* students need to learn the 'lingo' and the inner workings of devices they have never seen before. Fortunately, each experienced instructor is more than willing to pause the teaching for a tale "when I was flying...", which helps keep things interesting. After weeks of learning, revising and testing the students are glad to slip the bonds of groundschool,

August 2016 - Flying First Impressions (2)

don flying suits and join either 57(R) Squadron at RAF Cranwell, or 16(R) Squadron at RAF Wittering.

GETTING WHEELS OFF THE GROUND

Once at Rauceby Lane the students meet their instructors and quickly settle into a life of mass briefs, studying, flying and debriefing. It is here that all of the knowledge from groundschool is put to the test. It is often said that once the helmet is put on, half of the student's brain is left on the ground so it is extra important to learn those checks! The pressure is on and the pace never lets up: students start with effects of controls and basic handling. At the same time they are expected to remember how to get to and from Cranwell, do the checks, work the radios, fix the aircraft's position both visually and using the radio aids and look out for other aircraft!

"BUT THE INSTRUCTOR WILL STILL BE NEXT TO YOU?"

In a shorter time than it takes some people to pass their driving test, EFT students are sent solo on trip 13. A memorable experience in any pilot's life: before the trip a slightly anxious mother asked her son "although you are 'going solo' will the instructor still be sitting next to you?" In some cases it is hard to tell who is more nervous: a parent, the instructor or the student. Nevertheless being able to enjoy a peaceful flight in the circuit without any interjections from the left hand seat is definitely one of the highlights. Once all of the course members have completed their solo sorties they are entitled to wear a 'solo badge'. As it is a cause for celebration, the students go head-to-head against their

instructor on some kind of inflatable assault course in order to 'win' their 'solo badge' and wear it with pride.

GENERAL HANDLING PHASE

The first half of the course is General Handling and this is the foundation upon which the Applied Phases are built. It is all about learning how to control the aircraft when it is doing what you ask of it and also when it is not! As soon as the student thinks they have it under control another "Emergency" will crop up and before they know it they are doing a Precautionary Forced Landing into a large farmer's field. Many sorties are spent doing circuit consolidation where the students quickly collect two more hours solo time. Once out of the circuit and into the local area the instructor and student push the aircraft to its limits performing spins and aerobatics. No matter how dynamic the manoeuvre it is still the student's responsibility to quickly perform the next "aero" in the sequence all whilst monitoring fuel consumption, looking out for other aircraft and planning their recovery to Cranwell. The most enjoyable sortie in the General Handling phase is sortie 29 – Solo Aeros. Once they have mastered their sequence they have one hour of solo time to refine their display pilot skills and brush up on techniques before the Initial Handling Test.

FAST EYES, SLOW HANDS

Race horses have 'blinkers' and student pilots have an 'instrument visor' for the Instrument Flying Phase. The instructor has the luxury of normal vision; however, the student's vision is restricted to inside the cockpit to focus on the instrument panel. Used to practice

flight in cloud, it is all about having "fast eyes and slow hands". It is easy to let the aircraft get away from you but by using known power settings and attitudes the pilot can maintain straight and level flight while his eyes are darting around the cockpit monitoring attitude, heading, speed, height and everything else.

NEVER LOST – ONLY GEOGRAPHICALLY DISPLACED

Every EFT student's abiding memory of the Navigation Phase is the hours spent pouring over maps searching all over Lincolnshire for suitable turning points and fixes. It is a battle between man and paper using the folding techniques to compress the map to a usable size. The first Navigation sorties are flown at Medium Level around 3,000ft and Low Level at 500ft. Navigating an aircraft consists of measuring the bearing and distance from A to B, adding the magnetic variation to produce the 'track' and using mental arithmetic to calculate the time at point B. However, no plan ever survives first contact with the enemy and in this case the enemy is the weather – or more specifically the wind! Pilots use 'fixes' to keep on track and the wind is rarely as forecast so use a variety of methods to regain track and update their estimated time of arrival.

THE MOST FUN YOU CAN HAVE WITH YOUR TROUSERS ON

The four formation sorties are a welcomed change for the students – no maps necessary. This time it is all "stick and rudder" to stay on the primary references of the lead aircraft – pure flying. Doing 45° banked turns in close formation over Lincolnshire is a great way to spend an afternoon. On the fourth formation trip students get to fly solo and there is no better feeling than looking the short distance across to the other aircraft to see a fellow student with a face that shows total concentration and enjoyment simultaneously. The course comes to a close with the Composite Phase; six trips in which anything can happen. By this time the students are totally independent in the planning and preparation required for each sortie. They plan a route and what to include in the profile. The instructors push each student to the limit in order to test their airmanship and mental flexibility. Each gruelling composite flight will have multiple emergencies, which may

lead to precautionary forced landings; it is down to the pilot to show he can prioritise and deal with each problem while keeping a cool head. The flying culminates in the Final Handling Test where each pilot gets to prove his worth and finish the course – 56 flying hours under his belt.

ALL WORK AND NO PLAY?

Of course not! With Army and Navy EFT Squadrons at RAF Cranwell there are plenty of opportunities for Dining-in nights celebrating each Service's aviation victories. Taranto Night, hosted by the Navy, was particularly memorable as it contained historically (in)accurate re-enactments, including very dodgy accents and exploding model ships. With the constant assessments it is easy to become caught up in the 'EFT bubble' especially as everyone has a day when things don't quite go to plan and the social events are the best way to let off steam. The first milestone of EFT is 'going solo' and once each course member has achieved this they celebrate with a 'solo barrel'; a barrel of locally produced ale is bought for the students to enjoy responsibly at the bar. After completing the course the students have their 'streaming' night; normally in the style of a game-show the students must complete a series of entertaining challenges to win their 'prize' which is finding out onto which aircraft type they will progress.

WHERE NEXT?

The 'streaming' night is an emotional rollercoaster. After six months of living and socialising together it is time to find out who goes Fast Jet, Rotary or Multi-Engine. Students submit their preferences but spaces are dictated according to Service requirement. Whilst some celebrate being awarded their first choice, the disappointment of getting their second or third choice is a necessity with which they have to deal. Those selected for Fast Jet move to RAF Linton-on-Ouse to fly the Tucano for 29 weeks before progressing to RAF Valley for Advanced Training. Rotary pilots move to RAF Shawbury to fly the Squirrel and Griffin Helicopters. Multi-Engine pilots remain at RAF Cranwell to fly the King Air. Wherever they go each student shares the experience of EFT and all of its 'highs' and 'lows'. Whilst there were times when it seemed less than enjoyable, looking back on it as one's foundation in military flying, it is unforgettable.



August 2016 - College Band

BAND OF THE ROYAL AIR FORCE COLLEGE

The Year that was 2015

Over the last year, the Band of the Royal Air Force College has undertaken a full and varied schedule of engagements, including a number of important ceremonial occasions.

In April, the woodwind Quintet of the Band of the Royal Air Force College flew to Goch, Germany where they provided musical support for a guest night organised by Royal Air Force personnel of the Combined Air operations Centre based at the NATO Air defence site, Uedem.

In May, with the nation celebrating the 70th anniversary of VE Day, the Band was performing at the annual Whittle Hall Spring concerts. To commemorate VE Day, much of the concert featured music honouring those who lived and fought bravely during the Second World War.

We also travelled to IMJIN Barracks near Gloucester, home to the Allied Rapid Reaction Corps, to perform

at a Party in the Park in aid of The RAF Benevolent Fund.

In June the Band visited Durham Cathedral and later in the year Liverpool Cathedral to perform concerts in aid of the Royal Air Force Association. The concerts told the story of the Battle of Britain through music, paying tribute to the 75th Anniversary. The programme mapped the build up to the Battle of Britain and its aftermath culminating with VE Day.

In August we travelled to Edinburgh alongside the Central Band of the RAF to perform at the Royal Edinburgh Military Tattoo, titled East Meets West. The RAF headlined the show and again honoured the 75th anniversary of the Battle of Britain with a display accompanied by the Queen's Colour Squadron. The finale also showcased the Bands, performing not only to nearly 9,000 people every performance, but also to worldwide coverage on the BBC.



In October the Band supported the unveiling of the International Bomber Command Centre at Lincoln. This was a prestigious event for the Band as we provided music for the opening ceremony, which was covered on national television, of a monument inspired by a Lancaster wing to commemorate the thousands of crewmen who served in Bomber Command during World War Two. The event was attended by hundreds of veterans and included flyovers from a Blenheim bomber, two tornados, three Hawks and the last flying Vulcan.

The concert band has also played a major role in this year's Charitable Trust Enterprise 'RAF in Concert Tour', highlighting the 75th anniversary of the battle of Britain. They have performed at prestigious venues throughout the United Kingdom, including The Sage in Gateshead, The Bridgewater Hall in Manchester and The Royal Concert Hall in Nottingham. The concerts also featured the Band's 'RAF Swing Wing', the Big Band, who have also undertaken a large number of successful engagements during the year.

To end the year the Band performed its own rendition of the popular fairy tale Cinderella. Music was provided by the RAF Swing Wing and members of the Band featured as characters from the tale. The audience left with a huge smile on their faces and are looking forward to what the Band has in store for next year.



August 2016 - College Library

THE COLLEGE LIBRARY

A Tale of Two Portraits

The RAF College Cranwell has two libraries, one of which is situated in the College Hall Officers' Mess. The building was designed by Sir James Grey West to replace original College buildings and has been used by RAF officer cadets since the autumn of 1933.

The library as one expects has books, but it also houses (along with other sections of the College) items which reflect the heritage of the Royal Air Force. There are however, two items which at first seem curiously out of place in a British military establishment.

These are a pair of portraits by the German artist Adolf Schorling. The paintings are of World War 1 fighter aces Baron Manfred Von Richthofen or 'The Red Baron' (1892-1918), and Von Richthofen's idol and mentor, Captain Oswald Boelcke (1891-1916). Von Richthofen is infamous for having 80 air combat victories and Boelcke taught air combat and formalised air combat tactics with his rules known as the 'Dicta Boelcke'.

The portraits were given to the RAF College after a visit by the German State Secretary of Air General Erhard Milch, the Chief of the Air Staff, General-Lieutenant Hans-Jurgen Stumpff, and the Chief of the Technical Division of the German Air Ministry, General-Major Ernst Udet, who was himself, the second highest scoring fighter ace after Von Richthofen.

The German delegation visited Great Britain during 1937 and toured various air fields and factories and also visited RAF Cranwell. In May 1938, the portraits were unveiled by the German Air Attaché, General-Lieutenant Wenniger on behalf of General Milch *"with his sincere thanks for the interesting and pleasant time he spent at Cranwell"*.

The gifts were given to foster relations between the two Air Forces and were given in the hopes that neither side would have to fight each other again. Unfortunately, this hope failed some 16 months after the unveiling.

The RAF reciprocated by sending the German Air Force portraits of two British fighter aces, Edward 'Mick' Mannock, VC, DSO**, MC* and Albert Ball,

VC, DSO**, MC, Legion d'Honneur (France) and the Order of St George (Russia).

The original Schorling portraits are believed to have been destroyed during the war and there is very little information about them. The only online information found is in the July 1939 issue of 'Der Adler' (a journal of the Luftwaffe) which uses the portraits to illustrate articles about the German Air Force in World War 1.

As well as appearing as portraits, Von Richthofen and Boelcke also feature in old College Journals. The articles range from coverage of Von Richthofen's funeral, a long article on the life of Oswald Boelcke and a series of letters disputing the claims of who actually shot down Von Richthofen.

Since their unveiling, the portraits have been part of the fabric of the College Library and although for many they represent the enemy, they are still hanging today, overlooking both College staff and cadets. They are a paradox, yet are also part of the furniture of the Library.



August 2016 - Jack Holt

JACK HOLT MEMORIAL TROPHY

Winner - Flight Sergeant Philip Holt

Flight Sergeant Philip Holt joined the Officer and Aircrew Cadet Training Unit in September 2012 as Flight Sergeant Training Support Flight but was quickly re-tasked as a Deputy Flight Commander on C Flight, C Squadron. During his time on the Squadron he demonstrated outstanding commitment, professionalism and personal standards and, as a result, he was selected for the role of Flight Sergeant Standards in Training Development Squadron. The role is extremely challenging; the incumbent is the gatekeeper of the department's training standards and is responsible for maintaining the integrity of training delivery, providing underpinning instructor support and ensuring compliance with the Defence Systems Approach to Training Quality Standard. Holt met the challenges of the post head on and quickly proved to be an exceptionally worthy incumbent. He was extremely proactive in ensuring his formal qualification as a Defence Trainer Supervisor to supplement his already robust credibility as an experienced and extremely competent instructor; moreover he used his enhanced skills and knowledge to develop departmental policies, procedures, documentation and support mechanisms in line with training best practice. His reputation as a firm but fair instructor, an outstanding SNCO and an individual with an iron integrity has stood him in good stead for the role but he has also worked hard to remove barriers to learning, building extremely effective working relationships with staff at all levels of the command chain and evolving the assurance process from simply a checks and balances approach to one of development and support. Out with his formal training assurance role, Holt regularly volunteers to provide peer mentoring and informal support to his fellow instructors and is viewed by his colleagues as the senior instructor, a hard earned but incredibly worthy

status to have. Holt is currently also acting as Officer Commanding Assurance and Governance Flight, a post which has been gapped for a considerable period, and is doing his utmost to fulfil the responsibilities of a flight of four, a clear indication of his capacity, ability and commitment. Furthermore, as a result of his unquestionable standing in the department and his irreproachable standards, he operates as the Deputy College Warrant Officer, the most senior non-commissioned officer in the department, and subsequently holds a substantial degree of gravitas and influence even beyond that of his primary role. Out with the department, Holt is also responsible for an Officer and Aircrew Cadet Training Unit accommodation block, working tirelessly to maintain and improve the standard of living accommodation provided to our Officer Cadets, and is Deputy Officer in Charge of both the Royal Air Force Cranwell Cycling and Triathlon clubs, competing in associated sporting events in his own time. Flight Sergeant Holt's worth to the department is immense. His professional abilities, personal standards and commitment to the Service combine to make him the epitome of a Royal Air Force Senior Non-Commissioned Officer and the absolute essence of our instructor cadre, and he is therefore highly recommended for the Jack Holt Memorial Trophy.



August 2016 - The College & Battle of Britain (1)

THE BATTLE OF BRITAIN

Research by Peter Symes

“Never in the field of human conflict was so much owed by so many to so few”
– Winston Churchill

It is believed that 90 Flight Cadets took part in the Battle of Britain.*26 were killed in action, a mortality rate of 28.9%¹. They were responsible for shooting down 116 enemy aircraft.

By the outbreak of the Second World War some 1,094 Flight Cadets from 43 Entries had passed out of the RAF College into the Royal Air Force.

Of that total 90 cadets from 29 of these 43 entries carried out at least one operational sortie in the Battle between 0001hrs on 1st July and 2359 hrs on 31st October 1940.

The Battle of Britain clasp to the 1939-45 Star was awarded on the basis of at least one authorised operational sortie with an eligible unit of the RAF during the period from 0001 hours on 10 July to 2359 hours 31 October 1940.

As a result 88 Flight Cadets qualified for this recognition. They included:

- 2 Wing Commander Station Commanders who flew with their Squadrons,
- the Wing Commander Officer Commanding the Fighter Interception Unit (whose role developing airborne radar/night fighting became increasingly important as the night blitz intensified),
- 27 Squadron Commanders.

They were deployed:

On Squadrons in 11 Group: 41
10 Group: 23
12 Group: 14
13 Group: 14

Of the aircraft types they flew:

- 3 were on Defiants
- 8 on Blenheims/Beaufighters
- 34 on Spitfires
- 39 on Hurricanes

In actions sustained (including friendly fire), but survived, 19 aircraft were cat 3 (write offs).

A total of 116 enemy aircraft were shot down:

- 11½ Do17s
- 2½ Do215s
- 12 He111s
- 14½ Ju88s
- 9½ Ju87s
- 46 Bf109s
- 17½ Bf110s
- 2½ Unidentified

B of B Fighter Aces²

- Brian Kingcome CBF (9-36B) on 92 Sqn had the highest tally with 7
- Aeneas MacDonell (9-32B) OC 64 Sqn with 6½

With a tally of 6 each were:

- Harold Atkinson (9-37B) on 213 Sqn
- Charles Davis (4-39B) on 238 Sqn
- Peter Townsend (9-33B) OC 85 Sqn

After the Battle

Of the 64 survivors a further 19 (29.7%) ‘Cadets’ were killed in action later in the war.

Roll of Honour

S29	ANDREWS	Lionel Vincent
S37	ATKINSON	Harold Derrick
A38	BENSON	Noel John Victor
S35	COX	Philip Anthony Neville
S38	COX	Alex Robert Temple
S31	BADGER	John Vincent Clarence
J39	DALYELL-McKEAN	Michael Hugh
A40	DAVEY	John Arthur Joseph
J26	DEWAR	John Scatliff
J36	DONALD	Ian David Grahame
S29	DREW	Peter Edward
S25	GRANNUM	Clifton Winnington
S36	HANSON	David Harry Wellsted
A38	HOGG	Richard Malyard
J37	HOMER	Michael Giles
S27	HOOD	Hilary Richard Lionel
S31	JONES	Norman Clifford
J38	JONES	John Sinclair Bucknall
A39	LECKY	John Gage
S35	LEE	Richard Hugh Antony
J38	McKENZIE	John Woffenden
J38	PHILLIPS	Ian William
J33	SAWYER	Henry Cecil
J38	SHEPLEY	Douglas Clayton
J37	WAY	Basil Hugh
J38	WILDBLOOD	Timothy Seddon
J29	WILKINSON	Rodney Levett
S29	WILLIAMS	Cedric Watcyn
J38	WINGATE	David Leslie
A38	WORSDELL	Kenneth Wilson

* Roll of Honour opposite records 30 killed

¹ In comparison the overall loss of life during the Battle by aircrew was significantly lower at 17.2%.

² 5 or more kills (The highest scorer in the Battle was Sergeant J Frantisek on 303 (Polish) Sqn with 17 credited kills.

August 2016 - The College & Battle of Britain (2)

A CRANWELL FLIGHT CADET IN THE BATTLE OF BRITAIN

GP CAPT DOUGLAS ROBERT STEUART BADER DSO* DFC*

By Hazel Crozier, College Curator

In the 75th anniversary year of the Battle of Britain, I thought it appropriate to highlight Cranwell's arguably most famous Battle of Britain son - Gp Capt Sir Douglas Bader. Of course, much can (and has) been written on Bader, but this is a snapshot of the interesting and unusual career of one particular officer.

Gp Capt Bader won a Prize Cadetship to the RAF College and joined as a Flight Cadet on "A" Flight on 6th September 1928. While at Cranwell he was a member of the College rugby, shooting, cricket, athletics, boxing and hockey teams. He graduated on 25th July 1930 having attained the Cadet rank of Under Officer. Bader's tutor was very astute as he wrote in the Flight Cadet character book that he would "Do well in a war situation, absolutely full out".

On graduation Bader was posted to 23 Squadron, flying Gamecocks at RAF Kenley. In 1931, representing the squadron in the pairs aerobatic competition at the Hendon Air Display on December 14th, he crashed a Bulldog at Woodley Aerodrome whilst performing a roll at a very low level. He lost both legs, the right above the knee and the left below. Whilst he was in hospital, a nurse outside his room hushed everyone as "there was a boy dying in there". On hearing this, his determination came to the fore as he was determined not to die. After being fitted with artificial limbs, Bader remained in the RAF. He was promoted to Flying Officer in 1932 but was most unhappy as he was not allowed to fly, and so retired from the RAF on account of ill health on 30th April 1933. Between the wars he worked for the Asiatic Petroleum Company which later became Shell.

With WW2 looming, Bader insisted on re-joining the RAF as a pilot. Passing a flying test at Upavon on 18th October 1938, he was re-employed as a regular officer.

After a refresher course at Upavon, he joined 19 Squadron flying Spitfire Mk Is at RAF Duxford on 7th February 1940. In March he was promoted to Flight Lieutenant and posted as a Flight Commander to 222 Squadron who were also based at RAF Duxford, flying Spitfire Mk Is. Throughout May and June, he flew Spitfire "D" in Sector Reconnaissance formations, and night flying sorties. He scored his first victory when he shot down a Bf 109 near Dunkirk, and also shared in a probable He 111. On 23rd June 1940, he was assessed by his Commanding Officer as an "exceptional fighter pilot".



The next day he was posted to 242 Squadron as Acting Squadron Leader (which was not given to Bader as a substantive rank until 18th June 1941). 242, a Canadian squadron flying Hurricanes from RAF Coltishall, had suffered heavy losses so morale was low and discipline lax when he took command. However, he was able to bring the squadron back to a good operational standard and on 11th July his logbook states that he "Attacked and destroyed one Dornier 17 off Cromer (Confirmed)", and two days later "attempted interception of Heinkel. Never saw it, investigated a cross country raid at Cromer".

During the Battle of Britain, Bader and 242 Squadron were heavily involved with formation flying and convoy patrols, many times flying two to three sorties in a day. On August 21st, he destroyed another Do 17. On 29th he noted in his logbook that he "intercepted Dornier 17 above cloud while flying alone. Hit it but saw no result as he dived into cloud. Subsequently confirmed and crashed into the sea." The next day he wrote that the squadron "intercepted 100 E/A (sic) with squadron. Shot down 12. Self two Me 110s." Later the same day, the squadron "met about 100 E/A (sic)...at 15,000ft just west of Enfield. Was up sun and above them; dived the whole squadron into attack from above and behind...Squadron destroyed 12 EE (Sic) for loss of nine. No bullet holes in any aeroplane".

For August 1940, Bader recorded 65 hrs 25 minutes in his logbook.

The next month, he destroyed two Me 110s, three Do17s shot down and a further two damaged, a Bf 109 and a Ju88 destroyed. This score is hardly surprising as, on 6th September alone, Bader flew five sorties. From 7th to 18th September he flew about three sorties per day.

Gp Capt Bader was awarded the DSO on 14th September 1940. The next day, which later became Battle of Britain day, he flew two trips with the Duxford Wing, whose total for the day was 52 + 8. Bader was one of the main exponents of the "Big Wing" tactic. In the face of much opposition, he, and the 12 Group AOC (AVM Sir Trafford Leigh-Mallory) pushed through and used their idea of the "Big Wing" tactic; a formation of four squadrons meeting the Luftwaffe as a Wing. As the month progressed, he was heavily involved in Fighter Command's now well-known "Big Wing" sorties. One such action on 18th September was described by Bader:

"Wing consisting of 242, 310, 301, 19, 611 caught large bomber formation south of estuary at about 1730. We were at 20,000' under 10/10ths. E/A at 18,000'. Wing destroyed 30 + 6 probable and 2 damaged. E/A numbered about 160-50. Personal score 1 JU 88, 1 Do 17. No casualties in Squadron"

During the rest of the year, Bader continued to fly patrols, and was awarded the DFC on 12th December 1940. He noted in his logbook at the end of 1940:

"So ends 1940. Since I have had 242 Squadron (June) we have destroyed 67 E/A confirmed for the loss of 5 pilots killed in action and one killed diving out of cloud. The Squadron has been awarded one DSO and 9 DFCs".

On 18th March 1941, he was promoted to acting Wing Commander and posted to RAF Tangmere. Whilst there he flew offensive fighter sweeps, and his total victories included seven Bf 109s destroyed, seven Bf



109s damaged, four probable Bf109s destroyed and he shared in the destruction of three Bf109s. A bar to his DSO was gazetted on 15th July and a one to his DFC on 9th September 1941.

On August 9th 1941, Bader's life took a new turn. Leading the Wing in bomber escort duties to Bethune, he found himself alone and involved with several Bf 109s. In the ensuing combat south of Le Touquet he claimed a Bf 109 destroyed and another probable, before he was shot down. He baled out, without his right artificial leg, and was captured. The German authorities sanctioned the RAF to fly out a replacement leg which was parachuted from an RAF aircraft. After he was captured, Bader also met the famous Luftwaffe fighter ace, Adolf Galland. As POW he made numerous escape attempts before finally being incarcerated in Colditz Castle where he stayed until his release on 14th April 1945.

After rest and recuperation, Bader was posted to RAF Tangmere as a Group Captain to command the Fighter Leader's School. It was not a successful appointment, and soon he was given command of the North Weald Sector, from where he organised and led the Battle of Britain flypast in September 1945.

Gp Capt Bader retired from the RAF in July 1946, returning to his previous employment at Shell and becoming the managing director of the Shell Aircraft Fleet in 1952. For his public service to the disabled, he was made a CBE in 1956 and was knighted in 1976. He died on 5th September 1982.

When Sir Douglas Bader's name is mentioned, it engenders a mixed response. Courage, bravery and determination he had in plenty, but set against this, both during the war and afterwards politically, he held and voiced many controversial views. But love him or hate him, from the time he walked through the doors of the RAF College as a Flight Cadet, to his death in 1982, his achievements were many and he was a great inspiration to others.