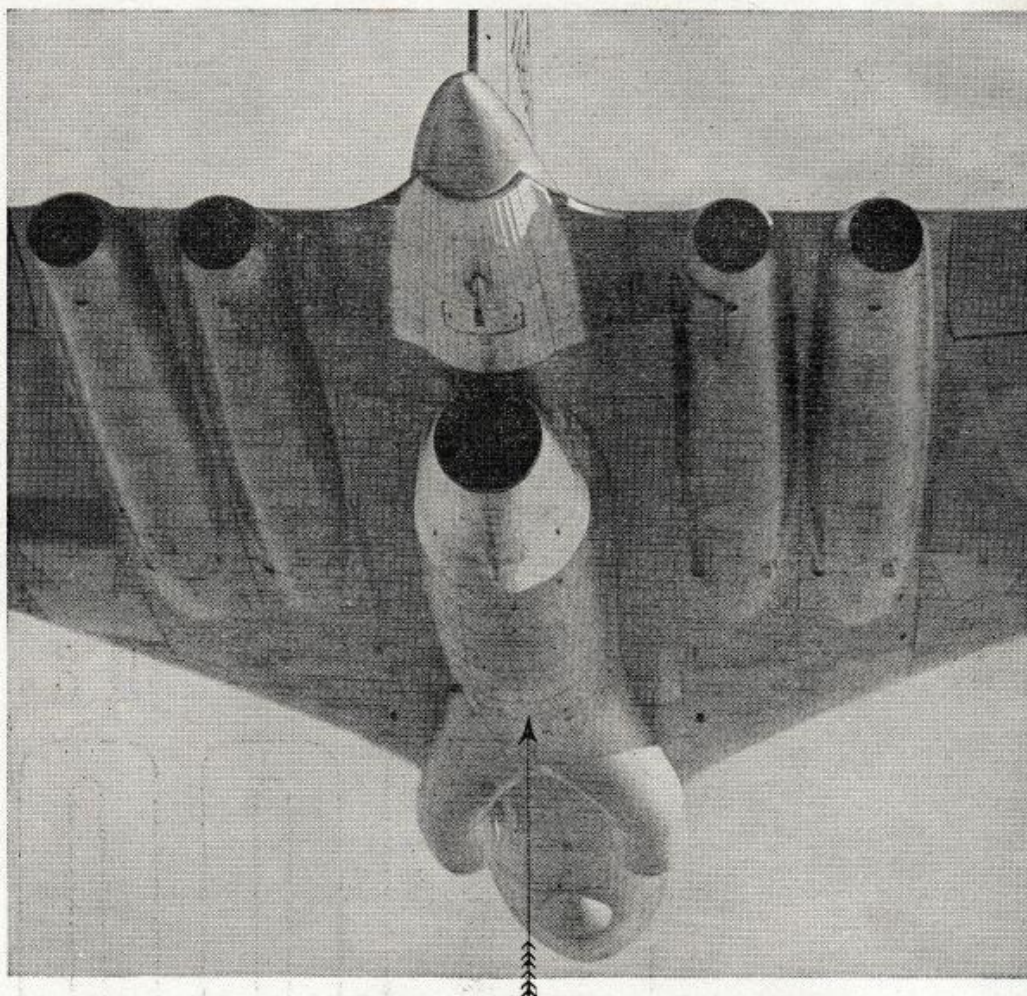


The Haltonian Magazine

93 Edition

Winter 1962

(Scroll down)



Tomorrow's supersonic engine is flying now!

The Bristol Siddeley supersonic Olympus is undergoing flight trials in a Vulcan flying test bed.

This engine will power the BAC tactical strike/reconnaissance aircraft—TSR 2, which has a speed in excess of Mach 2 and is due to fly in 1963.

A civil version of the supersonic Olympus is also under development and is ideally suited to the requirements of Mach 2 transport aircraft.

As powerplant of the Avro Vulcan V-bomber force, the Olympus has proved to be one of the most reliable large gas turbines in service.

The Olympus 301 has recently completed an official Type Test at a thrust rating of 20,000 lb and an advanced version of the engine has for some time been achieving thrusts in excess of 30,000 lb with reheat on the test bed.



BRISTOL SIDDELEY ENGINES LIMITED

Aero-Engine Division: PO Box 3, Filton, Bristol, England

TURBOJETS · TURBOPROPS · TURBOFANS · PISTON ENGINES · RAMJETS · ROCKET ENGINES · MARINE AND INDUSTRIAL GAS TURBINES
MARINE, RAIL AND INDUSTRIAL DIESEL ENGINES · PRECISION ENGINEERING PRODUCTS

EDITORIAL

There was no editorial in the Summer 1961 issue of this magazine. The fact that this passed by without comment prompted the Editor to state in the Autumn 1961 issue that editorials were irrelevant. After ploughing through all the articles and reports for the current issue the present Editor, with only seventy minutes to go before the half-term holiday, is tempted to fall back on the Summer 1961 precedent.

However, conscience and the pious hope that this editorial is not entirely irrelevant have intervened. In this issue we have tried to emulate the all-round vision of the chameleon in that we look into the future as well as the past. Our feature articles include a report on the celebration of 'Fifty Years of Military Aviation' for which we took an Apprentice reporter to Upavon, and we are privileged to publish the Fifth Trenchard Memorial Lecture given by Air Marshal Sir Alfred Earle, K.B.E., C.B., A.O.C-in-C., Technical Training Command, on 'The Future of the Royal Air Force'. Our book reviews are devoted entirely to Space

in the hope that we may encourage Apprentices at Halton to be fully conscious of the developments and implications of the Space Age into which we are moving. Some Apprentices are indeed already quite well informed on these matters, but in order to foment interest still further we offer a prize of up to five guineas for the best article by an Apprentice on any aspect of Space. Details are given below.

Our faith in the literary prowess of the Apprentice of today (even though he seems reluctant to spell in accordance with the dictates of the Oxford English Dictionary) has been bolstered by the number of contributions from Apprentices that we are able to publish in this issue. We hope that this encouraging trend will continue, though we should like to see a greater response to "R's" admirable appeal for verse, which we published in the last issue.

Finally we wish all our readers, contributors and advertisers a merry Christmas and a happy and prosperous New Year.

PRIZE COMPETITION

Articles on 'Space'

As mentioned in the editorial, a prize of up to five guineas is offered for the best article by an Apprentice on any aspect of space, except space-fiction. Articles should be between 1000 and 1500 words in length. Considerable reading will obviously be necessary but plagiarism (copying from one book) should be avoided. Research (taking information from a number of books) is

permissible, but ideas should as far as possible be expressed in the writer's own words. A list of the references used must be attached. Illustration, especially by line drawings, will be welcome. The closing date for submission of entries to the Editor is 1st March, 1963, and the winning article will be published in the Summer 1963 issue of the Halton Magazine.



GRADUATION OF 93rd ENTRY

The 93rd Entry graduated on 1st August, 1962. The Reviewing Officer was Admiral of the Fleet The Earl Mountbatten of Burma, K.G., P.C., G.C.B., G.C.S.I., G.C.I.E., G.C.V.O., D.S.O., LL.D, D.C.L., D.Sc., Chief of the Defence Staff, Ministry of Defence.

The Reviewing Officer was accompanied by Air Marshal Sir Alfred Earle, K.B.E., C.B., Air Officer Commanding-in-Chief Technical Training Command, Air Vice Marshal T. N. Coslett, C.B., O.B.E., Air Officer Commanding No. 24 Group, Air Commodore B. Robinson, C.B.E., Commandant, Group Captain R. C. Fordham, C.B.E., Senior Training Officer, Group Captain D. M. B. Pitt, M.B.E., Principal Education Officer, Wing Commander G. Bates, D.F.C., A.F.C., Officer Commanding No. 2 Apprentice Wing, and Wing Commander H. A. J. Mills, Officer Commanding Technical Training Wing.

Parade Detail

The Parade was under the command of F.S./A/A R. M. Ailward.

Parade Adjutant	C/A/A P. J. Quinlan
Parade Warrant Officer	C/A/A M. G. Cooper
Colour Bearer	S/A/A G. Rayfield
Colour Warrant Officer	L/A/A C. P. Watts
Colour Escort	L/A/A P. T. Sharp
	L/A/A E. J. Sowell
Colour Orderly	A/A S. R. Chatterton
Escort Squadron Commander	S/A/A D. J. Gurney
No. 1 Flight Commander	C/A/A M. A. Blaik
No. 2 Flight Commander	C/A/A J. M. Taylor
No. 2 Squadron Commander	S/A/A P. H. Tame
No. 1 Flight Commander	C/A/A D. Whyke

No. 2 Flight Commander
 Standard Bearers C/A/A N. J. Ashley
 C/A/A J. H. Bray
 C/A/A P. Mitchell
 Apprentice i/c Supporting Entry
 S/A/A C. E. Upton
 Drum Major Pipe Band
 C/A/A P. R. J. Derviller
 Drum Major Brass Band A/A K. A. Dance

The red-carpeted dais, proudly backed by the Queen's Colour and flanked by masses of scabious, carnations and delphiniums, formed a colourful setting for the prize-giving ceremony which followed the Graduation Parade.

The Commandant's Report

In welcoming the Reviewing Officer, the Commandant referred briefly to the distinguished career of Lord Mountbatten. He graduated from Dartmouth in 1916 and served in many famous ships; in the First World War—H.M.S. Lion, H.M.S. Queen Elizabeth and Submarine K6; in the Second World War—H.M.S. Kelly, in which he won the D.S.O., and the aircraft carrier H.M.S. Illustrious. In 1943 Lord Mountbatten became Chief of Combined Operations and later Supreme Allied Commander South-East Asia.

In 1946 Lord Mountbatten was appointed Viceroy and later first Governor General of India, steering that country to independence. Before assuming his present post of Chief of the United Kingdom Defence Staff, Lord Mountbatten was Commander-in-Chief Allied Forces Mediterranean, and First Sea Lord.

Lord Mountbatten is a Knight of the Garter and a Privy Councillor, and holds the honorary rank of Air Marshal.

The Commandant went on to welcome the large number of parents present, and thanked them for helping to bring their sons' training to a successful conclusion.

In his review of the 93rd Entry he reported that the achievements of the Entry had been outstanding. It had the best educational record for post war years, and had broken all records in the number of cadetships and commissions won, while 62 per cent had qualified for accelerated promotion.

Reporting on the Entry in detail, the Commandant said that of a strength of 279 on induction the wastage rate of only 7.5% was the lowest recorded in the last 22 years.

Of the achievements of 'this exceptionally good entry', the Commandant reported that there had been no failures in Workshops Training, while in the Final Examination in Educational Subjects, the average mark obtained was 63.3%, the highest recorded in post war years, with nearly a quarter of the Apprentices obtaining 70% or over. In the G.C.E. the 93rd again distinguished itself in making the largest number of subject entries, and also in achieving the highest pass rate of 72%. 31 obtained Ordinary National Certificates in Mechanical Engineering, and 22 in Electrical Engineering.

Referring to the importance of General Service Training, the Commandant reported that 49 Apprentices had been awarded School colours, A/A Lark had represented the R.A.F. at Boxing, and A/A Friel Technical Training Command at Basketball. In the Ten Tors Expedition the Entry team were very successful, beating the Army record for the course. Seven of the Entry obtained Gold Awards in the Duke of Edinburgh's Award Scheme, and 17 gained Silver Awards.

During their time at Halton the Entry were guinea pigs for two experiments in Apprentice training. They were the first entry to be affected by a reorganisation of the Apprentice Wings and also the first entry to contain Apprentice Dental Technicians. That the Entry had done so well is proof of the success of the reorganisation. The Dental Technicians, the first of their kind, were extremely well qualified young men, who would serve the R.A.F. well. Parents might like to know that they had not gained their skill by practising on their fellow Apprentices.

The Entry broke all records in the number of cadetships and commissions won. Three Apprentices were selected for Cranwell cadetships, and one for a Technical cadetship at Henlow. Six were awarded Direct Entry Commissions, and two were accepted for N.C.O. Aircrew training. In addition to these

successes one Apprentice graduated as a substantive corporal and 161, or 62%, qualified for accelerated promotion—the highest percentage to so qualify since the introduction of the scheme for accelerated promotion from Apprenticeship.

In conclusion the Commandant congratulated the Entry on their achievements, reminded them that they still had much to learn, and wished them success in the future.

Address by Reviewing Officer

After presenting the prizes, the Reviewing Officer congratulated the 93rd Entry on the fine standard of their parade. He had experienced many similar events in a variety of places, at home and overseas, and adjudged the 93rd Graduation Parade an excellent one. He recalled that his last visit to Halton had been on 8th May, 1951, when he had reviewed the Graduation Parade of the 59th Entry.

Lord Mountbatten then spoke of Air Marshal Sir Alfred Earle, Commander-in-Chief, Technical Training Command, at whose invitation he was present. He remembered that in 1925 the Commander-in-Chief had been Aircraft Apprentice Earle; he spoke of the work of the Defence Council in constructing policy, and allocating money (of which there was never enough) and went on to praise Sir Alfred Earle's contribution to this work.

Advice was always expected of a Reviewing Officer, but Lord Mountbatten said he would keep his 'pie-jaw', as he called it, to a minimum: a most important aspect of service life, that of character development, could not be learnt by the usual means. He therefore suggested that members of the 93rd Entry would be well-advised, in the course of their careers, to study the characters of their superiors; to analyse the factors which made one man respected, and another dis-





The Prize Winners

liked. They could then mould their own characters in such a way as to benefit both themselves and their chosen Service.

Referring to the somewhat conspicuous dark blue of his uniform, Lord Mountbatten emphasised that pride of service should embrace all branches of Her Majesty's Forces. He assured his audience that he was no stranger to the air: his first flight had been at the age of five, and six years later he was thrilled at being allowed to fly in a Blimp airship, which was being demonstrated to his father. His chance arose when it was discovered that the airship needed more ballast—which he enthusiastically helped to supply!

He then spoke of his appointments in 1941 as Chief of Combined Operations, and in 1943 as Joint Allied Commander of the newly created South East Asia Command. This naturally led to an account of the famous Burma campaign, and Lord Mountbatten recalled the tremendous odds against its success. Burma, he said, was difficult territory; 1,000 miles in length, it comprised thick, almost impenetrable jungle, (of which the

Japanese had far more experience than had our own men), mountains, and deep river gorges. Air supremacy was vital to cover land advances, and the imaginative use of our air power, inspired by the siege of the Allied base at Imphal, greatly affected the course of the campaign. Our troops, including 20,000 Chindits, relied on the Air Force both for supplies and air cover. The Army was on half-rations, and the Air Force on double-duty—Rangoon had to be reached before the monsoons started.

We all know of the successful conclusion to the campaign and Lord Mountbatten paid tribute to the air and ground crews of the Royal Air Force, whose courage and determination helped to bring this about. The Battle of Waterloo is said to have been won on the playing fields of Eton—equally it could be said that the Battle of Burma was won in the Training School at Halton.

Lord Mountbatten concluded by wishing all the Entry 'Good luck, Good-bye, and God bless'.

93rd ENTRY — PRIZE WINNERS

CADETSHIPS

Cadetships in the General Duties (Pilot) Branch were awarded to
 S/A/A D. J. GURNEY
 S/A/A G. RAYFIELD
 C/A/A P. R. J. DERVILLER
 A Cadetship in the Technical Branch was awarded to
 C/A/A D. J. HILLIER

COMMISSIONS

F.S./A/A R. M. AILWARD in the General Duties (Pilot) Branch
 C/A/A N. J. ASHLEY in the General Duties (Pilot) Branch
 C/A/A M. J. COOPER in the General Duties (Pilot) Branch
 S/A/A P. H. TAME in the General Duties (Navigator) Branch
 C/A/A J. H. BRAY in the Technical Branch
 L/A/A D. M. HYLAND in the Equipment Branch

N.C.O. PILOTS

Selected for training as N.C.O. Pilots
 L/A/A M. D. HARRIS
 A/A B. W. SKILLICORN

SPECIAL PRIZES

MONSIGNOR BEAUCHAMP MEMORIAL PRIZE (for the best all-round Apprentice)
 S/A/A D. J. GURNEY

PIONEER TROPHY (for the highest marks in all technical training subjects)
 S/A/A D. J. GURNEY, L/A/A E. J. SOWELLS (jointly)

CREBBIN-ROBINSON CUPS (for the best Trade Standards Practical Fitting Test)
 Mechanical Trade: A/A E. DAVIES
 Electrical and Instrument Trades: A/A T. G. MOSSOP

ELLIOTT MEMORIAL PRIZE (presented by the Royal Aeronautical Society for the highest marks in English and General Studies)
 C/A/A P. R. J. DERVILLER

QUINTON MEMORIAL TROPHY (for the best ex-A.T.C. Cadet)
 C/A/A J. H. BRAY

AIR MINISTRY PRIZES

HIGHEST IN ORDER OF MERIT, ALL SUBJECTS
 C/A/A J. H. BRAY

HIGHEST IN ORDER OF MERIT, EDUCATIONAL SUBJECTS
 First: C/A/A J. H. BRAY
 Second: A/A R. I. FISHER
 Third: C/A/A D. J. HILLIER

BEST 'SET TASK' GENERAL STUDIES
 L/A/A R. F. GARFIELD

HIGHEST IN ORDER OF MERIT, GENERAL SERVICE EFFICIENCY
 First: F.S. L/A/A R. M. AILWARD
 Second: S/A/A D. J. GURNEY
 Third: S/A/A P. H. TAME

HIGHEST AVERAGE FOR PRACTICAL FITTING OVER THREE-YEAR COURSE
 A/A E. DAVIES

BEST TRADESMEN IN TRADE STANDARDS TRADE TEST

AIRFRAME FITTER 1st	S/A/A D. J. GURNEY
AIRFRAME FITTER 2nd	C/A/A J. H. BRAY
ARMAMENT FITTER	L/A/A E. J. SOWELLS
ELECTRICAL FITTER (Air) 1st	A/A M. J. POWLEY
ELECTRICAL FITTER (Air) 2nd	A/A M. G. DOY
ENGINE FITTER	A/A G. F. GARDENER
INSTRUMENT FITTER (Gen)	L/A/A D. M. HYLAND
INSTRUMENT FITTER (Nav.)	C/A/A M. G. COOPER
DENTAL TECHNICIAN	A/A D. PERT

93rd ENTRY SPORTS SCHOOL COLOUR AWARDS

ATHLETICS

A/A A. D. COOPER	1961
A/A M. W. KENT	1961
L/A/A D. E. LAWSON	1961

BASKETBALL

A/A J. J. FRIEL	1959/60-60/61-61/62
(School Captain)	1960/61-61/62
A/A D. J. HAYDON	1959/60-60/61-61/62
C/A/A A. E. MOORE	1961/62
A/A C. L. M. PERKINS	1961/62

BOXING

A/A P. KING	1961/62
L/A/A D. E. LAWSON	1960/61-61/62
A/A P. J. STILL	1961/62

CANOEING

A/A M. A. ROBSON	1962
A/A P. J. STILL	1962

CRICKET

C/A/A N. J. ASHLEY	1962
A/A A. R. GARLAND	1962
S/A/A D. J. GURNEY	1961
L/A/A R. V. LAIDLER	1961
A/A R. G. LANE	1961
L/A/A K. J. TRIGG	1962
A/A R. O. WATCHMAN	1962

CROSS COUNTRY

F.S.A/A R. M. AILWARD	1960/61-61/62
A/A A. J. BOYES	1961/62
A/A K. A. DANCE	1960/61
A/A J. J. FRIEL	1960/61
A/A R. GALLACHER	1961/62
A/A J. SCHOFIELD	1960/61
A/A G. TULLOCK	1961/62
A/A N. R. WEBB	1961/62

FENCING

A/A M. W. HOWARTH	1961/62
A/A M. W. KENT	1961/62

HOCKEY

L/A/A D. D. CARROL	1961/62
A/A M. G. DOY	1961/62
L/A/A J. P. HYGATE	1961/62
A/A M. J. POWLEY	1961/62
A/A M. R. REYNOLDS	1961/62
A/A P. L. SNELLER,	1961/62

RUGBY

A/A D. W. G. ACKROYD	1961/62
A/A J. HEATH	1961/62
A/A P. A. SPARLING	1961/62
A/A P. J. STILL	1961/62
S/A/A P. H. TAME	1959/60-60/61-61/62
(School Captain)	1960/61-61/62
L/A/A C. P. WATTS	1961/62
A/A R. G. WOODWORTH	1961/62

SOCCER

C/A/A M. A. BLAIK	1961/62
A/A A. D. COOPER	1960/61-61/62
L/A/A J. M. H. FREEMAN	1961/62
L/A/A R. M. KITCHING	1960/61-61/62
A/A J. D. MORGAN,	1961/62
A/A K. M. ORAM	1960/61-61/62
A/A J. M. A. PARKER	1960/61-61/62
L/A/A S. K. REYNOLDS	1960/61-61/62

93rd ENTRY POSTING LIST

(in order of merit)

Bray J. H.	Direct Entry Commission (Technical)	Poore J. C.	Odiham
Gurney D. J.	Substantive Corporal Cadetship (Cranwell)	Sparling B. A.	Colerne
Lacey M. J.	Substantive Corporal	Reynolds S. K.	41 Sqn., Wattisham
Fisher R. I.	23 Sqn., Coltishall	Donnelly J.	33 Sqn., Middleton-St.-George
Cooper M. G.	Colerne	Brown T.	151 Sqn., Watton
Hillier D. J.	Direct Entry Commission (G.D. Pilot)	Hinton R. J.	Coltishall
Powley M. J.	Substantive Corporal Cadetship (Henlow)	Jessup M.	Coltishall
Ailward R. M.	Substantive Corporal Coningsby	Watkins L. A.	C.F.E., West Raynham
Measures D. G.	Direct Entry Commission (D.G. Pilot)	Cooper A. D.	B.C.B.S., Lindholme
Tame P. H.	C.F.E. West Raynham	Evins, S. F.	St. Mawgan
Gardener G. F.	Direct Entry Commission (G.D. Nav.)	Griffiths, D. W.	Northolt
Harris M. D.	Substantive Corporal	Whyke D.	R.R. Flight, Gaydon
Penton C.	23 Sqn., Coltishall	Jefford J. E.	72 Sqn., Odiham
Watts C. P.	N.C.O. Pilot	McKay I. J.	C.F.E., West Raynham
Tinson M. S.	229 O.C.U., Chivenor	Gash D. W.	Odiham
Hyland D. M.	Middleton-St.-George	Marples J.	33 Sqn., Middleton-St.-George
Watcham R. O.	57 Sqn., Honington	Martin J.	Scampton
Garfield R. F.	Direct Entry Commission (Equipment)	Barson G. G.	92 Sqn., Leconfield
Holthby J. F.	54 Sqn., Waterbeach	Fulton M. J.	33 Sqn., Middleton-St.-George
Thrift P. J.	Feltwell	Divers D. L.	Wyton
Root M. J.	228 Sqn., Leconfield	Hammond G. P.	Leuchars
Wray J.	8 F. T. S., Swinderby	Tulloch G.	A.S.W.D.O., Ballykelly
Hall R.	Colerne	Waddington J. F.	Akrotiri, Cyprus
Sowells E. J.	27 Sqn., Scampton	Ogden G. H.	Kinloss
Brown A.	C.F.E., West Raynham	Still P. J.	Wattisham
Carroll D. D.	R.A.F. College, Cranwell	O'Connor M. G.	Wegberg, Germany
Heap P. D.	12 Sqn., Coningsby	Lark A. J.	C.F.E., West Raynham
Bedwin P. G. W.	32 M.U., St. Athan	Trigg K. J.	Oxford University Air Sqn.
Morgan J. D.	C.F.E., West Raynham	Day M. J.	C.F.E., West Raynham
Ellerington G.	33 Sqn., Middleton-St.-George	Lazell A. G.	Waddington
Ashley N. J.	Coltishall	Wicks D.	151 Sqn., Watton
Schofield J.	Finningley	Toaner J. P.	12 Sqn., Coningsby
Skillicorn B. W.	Direct Entry Commission (G.D. Pilot)	Hockley M. G.	C.S.E., Watton
Mitchell P.	64 Sqn., Waterbeach	Holloway R.	151 Sqn., Watton
Gallagher R.	N.C.O. Pilot	Mortimer K.	C.F.E. West Raynham
Brunsdon J. P.	56 Sqn., Wattisham	Philpots G. V.	2 A.N.S. Hullavington
Taylor J. M.	St. Mawgan	Robson M. A.	111 Sqn., Wattisham
Rayfield G.	229 O.C.U. Chivenor	Gibson I. S.	41 Sqn., Wattisham
Seaman M. J.	64 Sqn., Waterbeach	Fagg C. A.	9 Sqn., Coningsby
Osmond P.	Cadetship (Cranwell)	Brosnan M. J.	85 Sqn., West Raynham
Rowe, T.	Substantive Corporal	Dossett A. E.	Colerne
De Le Mare B. P.	41 Sqn. Wattisham	Hygate J. P.	Kinloss
Brookes M. J.	Abingdon	Reid S. H.	Waterbeach
Quinlan P. J.	23 Sqn. Coltishall	Mehrtens P. D.	Colerne
Bull P.	Colerne	Smead J.	Wattisham
Hipperson K. G.	Waterbeach	Parker J. M. A.	33 Sqn., Middleton-St.-George
Derviller P. R. J.	22 Sqn. St. Mawgan	Bryant T. A.	120 Sqn., Kinloss
Whitling R. G.	Substantive Corporal Coningsby	Maxey I. H.	229 O.C.U., Chivenor
Whitling R. G.	33 Sqn., Middleton-St.-George	Webb N. K.	Colerne
Dickinson D. P.	Cadetship (Cranwell)	Cooper P. E.	228 Sqn., Leconfield
Lawson D. E.	Wattisham	Hill M. J.	Lynham
Bennett R. W.	Abingdon	Adams M. S.	Leuchars
Luxton J. D.	R.A.F. College, Cranwell	Duquemin B. G.	Leuchars
Lane R. G.	B.C.B.S., Lindholme	Oliver M. J.	229 O.C.U., Chivenor
Lane R. G.	Colerne	Sneller P. L.	201 Sqn., St. Mawgan
West R. J.	C.F.S., Little Rissington	Cooke, A. F.	4 F.T.S., Valley
Tune G. A.	2 A.N.S., Hullavington	Blaik M. A.	Abingdon
Doy M. G.	2 A.N.S., Hullavington	Gilchrist J. D.	225 Sqn., Odiham
Davies E.	R.A.F. College, Cranwell	Morrison R. D.	Ballykelly
Swan A. J.	Coltishall	Jessop D. C.	Wattisham
Harragan D. R.	Wattisham	Fowlie J. D.	Finningley
Colby, A.	Abingdon	Glenister D. G.	Coningsby
Roe B. G.	230 O.C.U., Finningley	Francis R.	Scampton
Escott P. J. G.	Northolt	Lane D. L.	Benson
	Benson	Hobbs R. A.	56 Sqn., Wattisham
		Philip J. N.	Waddington
		Hughes T. D.	1, A.N.S., Stradishall
		Barter M. F.	41 Sqn. Wattisham
		Appleyard J. W.	Coningsby
		Howarth M. W.	32 M.U., St. Athan
		Martin P. D.	85 Sqn., West Raynham
		Thompson, E. J.	Colerne
		Brown, P. M.	32 M.U., St. Athan

Molloy, P. J. E.
 Newell, B. J. D.
 North, I. M. D.
 Toal R.
 Marlow, T. B. S.
 Ford T.
 Moore A. E.
 Avons M. G.
 Browne K. W.
 Pert D.
 Peat M. J.
 Wilkinson A. T. B.
 Tomlinson M. A.
 Fryer R. A.
 Davis K.
 Jones S. M.
 Sharp P. T.
 Knight K. A. R.
 Samuels K. E.
 Cox D. A.
 Dance K. A.
 Parker G.
 Smart B. C.
 Ibbetson J. P.
 Bartram K.
 Stegges D.
 Barnard P. Q.
 Bacon J. A.
 Ackroyd D. W. G.
 Hill T. P.
 Creeggan R. A.
 Duffy, J. F.
 Booth G. W.
 Evans R. A.
 Marriott P. J.
 Marshall R. A. Mc. M.
 Chatterton S. R.
 Bowman A.
 Pearson I. W.
 Ward R.
 Knight B. W.
 Laidler R. V.
 Leeks S.
 Winter B. P.
 Snow J. D.
 McKeating R.
 Stickells D. J.
 Topham W.
 Heath J. C.
 Bosman F.
 Friel J. J.
 Emmett D.
 Alderton R. S.
 O'Neill J. M.
 Russell R. A.
 Haydon D. J.
 Burrige J. M.
 Thick A. R.
 Whapples G.
 Morgan R. A.
 Woodworth R. G.
 Slater A. E.
 Morris R. J. D.
 Pope R. M.
 Preston S. A.
 Brown B. W.
 Doidge M. F.
 Gifford E. J.
 Holguette P. A.
 Hadfield G.
 32 M.U., St. Athan
 230 Sqdn., Odiham
 72 Sqdn., Odiham
 229 O.C.U., Chivenor
 Coltishall
 Leuchars
 C.F.E., West Raynham
 Honington
 Finningley
 Uxbridge
 Cottesmore
 B.C.A.S., Wittering
 230 Sqdn., Odiham
 57 Sqdn., Honington
 5 F.T.S., Oakington
 228 Sqdn., Leconfield
 201 Sqdn., St. Mawgan
 25 Sqdn., Leuchars
 Scampton
 Coltishall
 229 O.C.U., Chivenor
 1 F.T.S., Linton-on-Ouse
 Abingdon
 2 Sqdn., Coningsby
 Wattisham
 74 Sqdn., Coltishall
 Scampton
 2 A.N.S., Hullavington
 Middleton-St.-George
 6 F.T.S., Acklington
 230 O.C.U., Finningley
 230 O.C.U., Finningley
 Finningley
 B.C.B.S., Lindholme
 B.C.D.U., Finningley
 230 Sqdn., Odiham
 206 Sqdn., St. Mawgan
 Middleton-St.-George
 27 Sqdn. Scampton
 229 Sqdn., Leconfield
 B.C.D.U. Finningley
 Coltishall
 230 O.C.U., Finningley
 229 O.C.U., Chivenor
 Akrotiri, Cyprus
 230 O.C.U., Finningley
 Honington
 C.F.E., West Raynham
 23 Sqdn., Coltishall
 B.C.B.S., Lindholme
 Abingdon
 Leuchars
 225 Sqdn., Odiham
 Abingdon
 85 Sqdn., West Raynham
 B.C.A.S., Wittering
 Colerne
 229 O.C.U., Chivenor
 201 Sqdn., St. Mawgan
 Wegberg, Germany
 Colerne
 12 Sqdn., Coningsby
 Chivenor
 72 Sqdn., Odiham
 12 Sqdn., Coningsby
 Leuchars
 St. Mawgan
 229 O.C.U., Chivenor
 8 F.T.S., Swinderby
 Finningley
 Oram K. M.
 White M.
 Brooks C.
 Peek T. L.
 Andrews H. R.
 King I. B.
 Fountain A. E.
 Wright G. E.
 Freeman J. M. H.
 Kent M. W.
 Ward N. A.
 Lewis C. F.
 Williams J. E.
 McCracken R. M. S.
 Smith T.
 Munton M. R.
 Miller C. M.
 King P.
 Mossop T. G.
 Humphreys D.
 Bowden M. J.
 Kitching R. M.
 Gardland A. R.
 Brooks D.
 Ward P. D.
 Phillips J. J.
 Wilcox C.
 Sadler R. S.
 Perkins C. L. M.
 Adamson J. D.
 Williams D. G.
 Morris R. J.
 Boyes A. J.
 Baker R. A.
 Hewitt M. H.
 Lee D. M.
 Joyner C. M.
 Reynolds M. R.
 Starr J. R.
 Routledge B. E.
 Willie R. E.
 Lloyd F. A.
 Clayton M.
 Ede M. H.
 Buckland R.
 Ferrier C. D. G.
 Lyneham
 74 Sqdn. Coltishall
 Wattisham
 St. Mawgan
 Marham
 St. Mawgan
 88 Sqdn. West Raynham
 Coltishall
 R.A.F. College, Cranwell
 Northolt
 Leuchars
 230 Sqdn., Odiham
 Coningsby
 Kinloss
 32 M.U., St. Athan
 8 F.T.S., Swinderby
 Ballykelly
 Wattisham
 29 Sqdn., Leuchars
 Colerne
 St. Mawgan
 Akrotiri, Cyprus
 23 Sqn., Coltishall
 225 Sqdn. Odiham
 Abingdon
 201 Sqdn., St. Mawgan
 Ballykelly
 22 Sqdn., St. Mawgan
 54 Sqdn. Waterbeach
 Coningsby
 32 M.U., St. Athan
 230 Sqdn. Odiham
 Leuchars
 5 F.T.S., Oakington
 72 Sqdn. Odiham
 111 Sqdn., Wattisham
 32 M.U., St. Athan
 32 M.U., St. Athan
 23 Sqdn., Coltishall
 41 Sqdn., Wattisham
 232 O.C.U., Gaydon
 57 Sqdn. Honington
 1 F.T.S., Linton-on-Ouse
 Uxbridge
 232 O.C.U. Gaydon
 C.S.E., Watton

**The following Apprentices graduated as
Senior Aircraftman in the Advanced Trade:—**

Dove A. M.	Coningsby
Wilson B.	32 M.U., St. Athan
Robinson F. L.	Coningsby
Gregor C.	9 Sqdn. Coningsby
Rodenhurst A. D.	32 M.U., St. Athan
Scott A. M.	229 O.C.U., Chivenor
Stevens B. R.	2 A.N.S., Hullavington
Cowan G. E.	22 Sqdn., St. Mawgan

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APPRENTICE WING NOTES

NO. 1(A) WING NOTES

The reorganisation of command in the Apprentice Wings brought so many changes in the staff that there has been considerable difficulty in compiling these notes at all. We lost Wg.Cdr. White to No. 3(A) Wing after only one term in office and welcome in his place Sqn.Ldr. F. R. Jones, M.B.E., from 3 Wing. Sqn.Ldr. H. P. McGrath, whose impending retirement was reported in the last issue, left on 1st August, and Sqn.Ldr. R. T. Lang has been posted to the R.A.F. Selection Board, Biggin Hill, while Sqn.Ldr. R. R. Morley has taken up the new post of Deputy O.C. Senior Entries. Other moves since the summer term's notes include the posting of Flt.Lt. Serrell-Cooke as accountant officer at R.A.F. Wartling, and Fg.Off. Waterman to Tangmere on a language course. Flt.Lt. B. Entwisle has moved across from No. 2 Wing to command No. 2 Sqn. (94th), Flt.Lt. T. Spencer has come from 3 Wing to take up the post of adjutant, and there have been several changes of post within the wing. F.S. Dunkley, having gone to No. 64 Sqn., has been relieved by F.S. McIsaac from 2 Wing, while internally Sgt. McElroy moved from 2 Sqn., to take the place of Sgt. Duffy of 3 Sqn., who was posted to Elgin Air Base, Florida. We extend a warm welcome to the newcomers and send our very best wishes to those who have departed.

The 94th Entry are now on their last lap and will have pride of place in the next issue with their graduation. In their place No. 2 Sqn. will take over the 100th Entry, who, judging by a report from Schools, appear to be a healthy lot in that they achieved the unusual, if not indeed unique, record of having no absentees in their Intermediate Examinations.

News from the 96th Entry is that L/A/A Lewis led a party on an exchange visit to France in the Summer, and on Saturday, 20th October, 1962, A/A's Hemsall, Nelson, and Turnbull went to London to take part in the Air League Aircraft Recognition Competition. The Halton team came first and second, Hemsall winning the Individual Championships. The Trophy is a large scale solid model Fokker Friendship in a flying attitude. At the moment it is in the Squadron Commander's

office and Hemsall can leave it there if he wishes. It lends dignity as well as beauty to the place.

A/A's Houseman and Marshall, also of 96th, took part in an initiative test organized by the Wendover Youth Club. They won the competition hands down by travelling 252 miles in the allotted time. It seems as if all those late passes that they had applied for in the past have paid off.

A/A Dawson (96th) presented a paper at the Halton Branch of the Aeronautical Society Dinner in Aylesbury on Saturday, 20th October, to an audience which included the Commandant, the S.T.O., and the O.C. Senior Wings.

The 98th Entry have brought credit to themselves by providing the winning syndicate at summer camp, and by bringing the Wing victory in the B.-K. Boxing in which they won four of their five contests. Furthermore A/A Lake (98th) is to be congratulated on representing the R.A.F. in the Junior Inter-Services Swimming Championships.

NO. 2(A) WING NOTES

During the past year, the Wing has seen many domestic changes but gradually, as this term draws to a close, the customary orderliness seems to be returning. The modernisation of the barrack blocks is about complete and at long last the 95th Entry will have their flights in separate buildings. The dining hall should revert to the Wing's sole use at the same time as the last block is completed and the Wing will have regained its separate entity once more.

The changes have not been confined to bricks and mortar alone. The staff structure too has been modified. Wg.Cdr. Bates is now in command of the Senior Entries, i.e. Nos. 1 and 2 Wings. The Wing is commanded by Sqn.Ldr. Drinkell, the Squadrons by Flt.Lts. Wood, Harper and Snare respectively. Sqn.Ldr. Spottiswood and Flt.Lt. Forse have returned to flying duties and Flt.Lt. Quinton now occupies a desk in Signals Command. Flt.Lt. Harper will be leaving us to join the ranks of test pilots and we wish him good fortune in his new career. Fg.Off. Drew, who was posted

to Duren in Germany, has been replaced by Fg.Off. Morton, newly married to match his predecessor's example. Fg.Off. Meek has made the grade at long last from down below to the top of the hill—the Commandant's loss is our gain. Our N.C.O's have joined in the changes too. Sgt. Beeney has forsaken the ring (and the Wing) for the joy of civilian life. Rumour has it that he is now pulling his punches in some quiet pub. We also welcome to the Wing three stalwarts from No. 3(A) Wing, Sgts. Myers, Maxwell and Pomeroy.

The 99th Entry have taken their place in the Wing this term. On reflection they will be the first Entry in the Wing for many years for whom there should be no change of barrack blocks. With this stability, perhaps they will exceed the achievements of their predecessors, the 93rd Entry, whose graduation is reported earlier in this edition. Welcome 99th! Good luck to you during your stay with us.

A most unusual occurrence last term was the sharing of the B.-K. Trophy by both Nos. 1 and 2 Wings, each Wing gaining 48 points in Summer Sports Competitions. We got off to a bad start for the present winter series by being thrashed in the B.-K. boxing. Not to worry—this makes us even more determined to replace the single red ribbon on the B.-K. SE5 to complete the double blue.

The band contest at the end of last term resulted in a 'resounding' victory for the 2 Wing bandmen. Well done, bandmen, particularly the pipers and drummers!

A party of 150 Apprentices from the Wing visited the S.B.A.C. show at Farnborough this year. The educational aspect of these trips should never be overlooked whether it be the navigational exercise on the way home, the legal encounters between our bus drivers and other road users or the various techniques employed to obtain a drink from the smallest counter surrounded by a milling horde. The aeroplanes are interesting too!

As these notes are being written, a large bonfire is being prepared on the Bulbeck meadows for Guy Fawkes night. This should bring back memories of summer camp for the 97th Entry and their camp nights at Cator Court on Dartmoor. We were fortunate to have excellent weather, perhaps the best of the summer, and apart from one would-be

Commando who tried to use his head to arrest his fall, the 97th returned to the Wing in fine brown form compared with those who had stayed at Halton. A word of praise to the Vicar, dog-collarless, would not be amiss here, particularly on our bonfire nights. It is a pleasant memory to reflect upon when our own Halton trees are bare, and the fluorescent lights of the blocks gleam through the fog in the winter evenings. For the 99th, here's to your camp next year—Iechyd da in Brecon.

NO. 3(A) WING

Under the somewhat general nomenclature of personnel, there has been an unusually heavy change round of permanent staff personalities since the last issue of the magazine. Starting from the top, we lost on posting, Wg.Cdr. E. N. Scott (for eventual posting to R.A.F. Germany) the Adjutant—Fg.Off. M. T. Stubbs (also to Germany), and Fg.Off. L. H. Jenkins (P.F.O.) to R.A.F. Yatesbury; No. 1 Squadron lost Flt.Lt. J. R. Coleman (at the time of writing destination unknown), Fg.Off. Saloman (to Persian Gulf); No. 2 Squadron lost Sqn.Ldr. W. N. Perioli (to R.A.F. Bawdsey), Flt.Lt. T. H. I. Spencer (to the Senior Wings) and F.S. Aldous (to Syerston); No. 3 Squadron, Sqn.Ldr. F. R. Jones and Flt.Lt. R. T. Snare (both to the Senior Wings). On the credit side we gained Wg.Cdr. A. G. White, Fg.Offs. Skinner and McCluskey in Wing Headquarters; and Sqn.Ldr. E. M. Jackson (to Command No. 3 Squadron), F.S. Whisken, Sgt. Stoneman, and Cpls. Ferrier, Swaine and Baillie in the squadrons.

Our congratulations this time go to Sqn.Ldr. F. R. Jones on the award of the M.B.E. in the Queen's Birthday Honours, and to F.S. Aldous on the award of the A.O.C.'s Commendation. We also take the opportunity of congratulating A/A King of the 100th Entry on his selection as Commandant's stick boy for the month September/October 1962.

At the beginning of the current term the 99th Entry were passed over to the Senior Wing. Theirs had been the honour of mounting the A.O.C.'s parade on the 23rd May, 1962, and this being so, the opportunity was taken to invite the parents of the Entry to an 'at home' on the same day. Some 300 parents watched the parade (which was probably all the better under father's critical eye), and

were afterwards entertained to a 'turkey' lunch in the wing dining hall.

Some 75 Apprentices of the 100th Entry took part in the 'Scheme in Action' show which was held in Aylesbury under the organisation and direction of the Buckinghamshire Duke of Edinburgh's Award Scheme Committee. The Entry put on an excellent display under the title 'Cavalcade of Sport' and the squadron element of the wing band under the direction of Sgt. Cooke ended the display and in fact the show, with tunes on the pipes and drums. This entry also provided contingents for the Commonwealth Youth Sunday Parade and Church Service in Aylesbury on the 3rd June (A/A Haines of 'A' Flight reading one of the lessons), and the Battle of Britain Parade and Service in Aylesbury on 16th September, 1962.

Two teams from the wing were entered for this year's Ten Tors competition over the Whitsun week-end. Whilst not finishing quite so high in the list as last year, both teams successfully completed the course and are to be complimented on the hard work and determination that they displayed during the extensive training and the actual expedition.

Outings were organised during the period to the Houses of Parliament, Royal Tournament, S.B.A.C. Show at Farnborough, and to Brighton!!! Some 24 Apprentices of the 100th Entry joined the distinguished cast (including Peter Sellers, Tony Hancock, and Dick Emery) of the R.A.F. Gang Show which was produced and directed by Ralph Reader at the Victoria Palace on 9th September.

On the sporting side we are able to record the usual selection of first class individual

achievements. Congratulations to A/A Wooldridge of the 99th for winning the 1 mile junior event (in a record breaking time) in the Berkshire Championships; and for coming 3rd in the 880 yards event as a member of the Royal Air Force team against the Universities Athletic Union. It is not often that an Apprentice has represented his station, group, command, and the Royal Air Force, in his first year of training.

Congratulations also to A/A Ruddle of the 100th, who obtained the second highest individual score in the R.A.F. Youth Rifle championships at Bisley in June, as a result of which he was awarded the R.A.F., S.A.A. small silver medal; and to A/A Robinson of the 99th who came 5th out of some 52 competitors in this year's R.A.F. Modern Pentathlon Championships.

Of the inter-squadron sporting competitions held during the period No.3 Squadron (99th) won the Junior events and No. 1 Squadron (100th) the senior events at the wing swimming gala, whilst No. 1 Squadron won the junior and No. 3 Squadron the senior events in the wing athletic championships.

At the time of going to press, the newly arrived 102nd Entry have just completed their A.B.C. weeks of training (by the number who have withdrawn to the side lines in gym. shoes during drill periods, it is apparent that not a few have discovered the joys of drill in new and unfamiliar boots). However, we welcome them to the wing and look forward to the time when we can record their activities and success in the wing diary, and thence in Halton Magazine.

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SCHOOL NOTES

'When the ivy doth redden
All interest will deaden.
Where there's work to be done
You'll scarcely find one'
Anon. School Poet circa 11th Entry

The reddening of the ivy shrouding the front of Schools (surely it is Virginian Creeper—*Ampelopsis vitacea*? Ed.) however picturesque reminds one that Autumn fast approaches. The dark mornings and even darker evenings are made more miserable by the frequent accompaniment of fog. Heavy, damp stuff this, driving the bronchitics, asthmatics and examinees to the M.O. in their dozens. Poor devils, there's no known cure for the Halton lergy (apart from C.T. or desertion). It baffles medical science just as much as the tidal flow of the fog, particularly during the afternoon, baffles meteorologists. Normally a thick blanket envelops Schools through which faces emerge happy in anticipation of an early finish at, say, 1630 hours. Inevitably, though inexplicably, visibility begins to improve until, at about 1615 hours, it is well nigh perfect, facial expressions being correspondingly imperfect as the prospect of a full afternoon's work becomes a reality. The timing of the phenomenon is so diabolically related to working hours that it must be conjectured to what extent it may, in fact, be man-made. It has been darkly hinted, for example, that the billowing smoke from the incinerators, consequent upon the destruction of bundles of old Forms 252, may in fact be a causative factor.

As one would hope for in a forward-looking teaching establishment, progress with the use of teaching aids goes from strength to strength in Schools. We now have pilot schemes in operation which are co-ordinated with T.V. lessons for schools. So far, only chosen classes in airframe science have attended, under the supervision of a very keen civilian teacher. It is understood that the standard of criticism he displays would do credit to a self-denigration candidate from Red China. Apart from carrying out a personal screen inspection of the T.V. lecturer for the usual things such as shave, shampoo and haircut, the lesson preparation, demonstrations and general

teaching technique come under withering fire. It would appear that our critic, detecting the guiding hand of a college tutor behind the programme presentation, is at pains to return the compliments which this learned gentlemen has evidently dispensed to him in the past.

The passing of summer is not without its compensations to the civilian teaching staff, in particular to the white coated workers. Some of their colleagues, brown coated and of inferior rank, have long been humiliated by sly references to 'cleaners, mops and pails, etc.'. However, recent references to 'Tonibell' and 'Walls' are quite out of place.

This is the last term in Schools for the 95th to whom we wish good luck (and how they need it!) in Finals, and the first term for the 102nd, who, judging by the crop of G.C.E. subjects, won't be needing any luck at all.

On 20th October the staff of Schools were 'At Home' to 150 instructors and staff from Technical Training Wing—the first of a series of liaison visits between those engaged in the various aspects of Apprentice training. We are sure they will prove most fruitful. Perhaps it will show that those in Schools can doff cap and gown and get to work on a bit of square head bashing as well as the next one. We are looking forward to returning the visit in the near future. (Where are Workshops, anyway?).

As usual there have been widespread changes in the staff this term, and we extend a warm welcome to all new colleagues, and wish good fortune to those who have left us.

We welcome Wg.Cdr. J. H. Chapman from Locking to take over Basic Studies (Airframe and Engines) in place of Wg.Cdr. Mathews. From the 'corridors of power' come SqN.Ldr. F. W. Ellis replacing SqN.Ldr. F. J. Wilkins (to A.M.) in the Engine Science Dept. and SqN.Ldr. G. W. A. Airey taking over the Maths Dept. from SqN.Ldr. C. A. Farrow (very busy as Treasurer of the Churches' Appeal Fund) who goes to Cranwell.

The Electrical Dept. has suffered (or benefited) greatly in the reshuffle with Flt.Lt. A. Duncan (to Cranfield), Flt.Lt. K. Johnson (to Yatesbury) and Fg.Off. A. W. Simpson (to the Technical Branch) being replaced by Flt.Lt. W. R. Soper, returning to the Branch from a civilian lecturing post in Plymouth, Flt.Lt. J. M. Cameron (from Cosford) and Flt.Lt. E. N. Meats (from Locking). The rapidly dwindling Armament Dept. lost Flt.Lt. J. G. Williams (to Cranwell) and Mr. P. E. Mettler (to Industry and Wasps R.F.C.), and gained Flt.Lt. (Prof) B. W. Halliday (from the School of Education). Verily even the E. and G.S. Dept. hath been cruelly visited this time with the posting of Fg.Off. T. Jones (to Abingdon). The arrival of Flt.Lt. J. W. Mace (from Germany) and Flt.Lt. T. G. Stephens (transferred from Station Education) has helped to offset the loss suffered by his departure. Mr. Performance Cars himself, Fg.Off. J. P. Hockaday, was posted to Royal Air Force Newton, thus depriving the Aerodynamics Dept. of his shrewd business brain. Flt.Lt. T. Clarke (to Henlow) left the

Mechanics Dept. about the same time as his colleague, Mr. Wright, having tried the civvy side and found it too much, hopped back into uniform as a Flt.Lt. in the Education Branch. Also on his way is Fg.Off. W. A. Turner (Minibus driver, and reliable cricket scorer) who also goes to Henlow. Finally we welcome the arrival of three junior education officers; Ch.Tech. H. M. Tucker, Ch.Tech. M. Telford, both to the Electrical Dept., and Sgt. B. Murphy to the Maths Dept.

On the domestic front, we congratulate Flt.Lt. A. M. Sutherland and Fg.Off. P. Wells who have joined the ranks of married men, and the many of the staff who have or are about to become fathers since we last put pen to paper.
J.S.N.

It is with much regret that we have to record the death of Mr. D. G. Evans, one of our scientific assistants, on the last day of summer term. Mr. Evans had a long and meritorious service with the Royal Air Force dating from 1923, including 21 years at Halton as Instructor and Scientific Assistant. To his widow and family we offer our deepest sympathies.



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TECHNICAL TRAINING WING

WING HEADQUARTERS

In browsing through recent copies of the Magazine it has been noticed that the Training Wing notes have contained no news from the Wing Headquarters. This of course is lamentable, but is it not always the case in the best of aircraft for members 'on the Flight Deck' to perform their duties quietly and efficiently?

However, it may have escaped notice that the Headquarters staff do submit entries for other parts of the Halton Magazine. Our Technical Adjutant for instance is seen regularly as the closing date for magazine entries approaches desperately searching his memory for words with two Xs or three Zs, as he compiles the Halton Crossword.

This term has seen the departure of Wg.Cdr. H. A. J. Mills from the 'first pilot's seat on the flight deck'. During his three years as our 'captain' he steered a true course and his hands were always firmly on the controls. In his new post as S.T.O. at Oakington he will be in the fortunate position of judging, at first hand, the quality of the Halton product, the development of which has been his principal concern for the last three years. His old H.Q. staff lead a chorus of voices from the training squadron in wishing him the best of luck and every success in his new activities.

In the same breath we welcome Wg.Cdr. J. E. Boden who has already settled into his seat at the controls, and we feel already confident that, during his tour as our 'captain', he will increase even further the range and ceiling of the wing's achievements.

More new faces have been introduced into the wing H.Q. staff during this term than for many months. Mr. Collins has left to help Instrument Squadron with their 'facts and figures'. Cpl. Barrett has taken charge of the orderly room from Cpl. Whitfield, and by the time this is in print, W.O. Armatage will be our Wing W.O. replacing F.S. Whisken who, we hope, will be out of hospital and gazing at us from the other side of the fence in No. 3 (A) Wing.

The ladies on the staff continue to brighten the working day with their charm, and it has not escaped our notice that our chief tea-girl

recently succeeded in carrying seven cups to the H.Q. offices without spilling a drop. We understand that next term she will attempt this remarkable feat with cups filled with tea.

ENGINE FITTER SQUADRON

Congratulations to the Engine Fitters of the 93rd Entry who, as expected, all passed out at Jnr.Tech. level. In doing so they produced a new Engine Fitter T.S.T.S. record with an average of 73.6%. Their schools average was a very good 70.40%. These efforts resulted in 86.2% of the Engine Fitters obtaining accelerated promotion. This, as far as can be ascertained, is an all trades record at Halton.

Congratulations to C/A/A Hillier who obtained a technical cadetship, to A/A Fisher who was second in order of merit in educational subjects and to A/A Gardener who was the best tradesman in the trade of Engine Fitter.

872 A/A Smith who missed the entry trade test because of illness, deserves a mention for the way he tackled his belated final trade test and for obtaining a mark entitling him to two years accelerated promotion.

We must not forget that these results could not have been achieved without the whole-hearted co-operation of the squadron instructional staff who put in many hours of work to obtain this end.

Congratulations from the Staff to Sgt. (Roy) Oldham on his overdue promotion to Flight Sergeant. We wish him best of luck in his new post in Airframe Squadron where we expect some of our better ideas to take root. Well done also Snr.Tech. Hunter who now wears a chiefy's crown.

Airfield Squadron have received an injection from this Squadron in the form of F.S. (Sticky) Stamp, whose organising ability is an undoubted asset. We hope that he is enjoying the wider vista. Airfield Squadron has also been bolstered by the temporary attachment of Snr.Tech. Sullivan; we hope to have him back when they have been brought up to strength.

During the summer leave W.O. (Dicky) Nunn finally shook the dust of the Old Workshops from his feet and now sees life from a

different angle at Royal Air Force Valley.

The staff welcomes Flt.Lt. Gregory, who has arrived from Weeton as the new Squadron trade training officer. We hope that he will enjoy his stay with us.

Our outgoing T.T.O., Flying Officer Shaw, is departing on a secondment tour of duty with the Royal Malayan Air Force. He has worked very hard indeed for this Squadron and we wish him well in his new appointment.

We are still awaiting the cigars from Snr.Tech. Sullivan and Cpl.Tech. Riley, who have recently each been presented with a bouncing baby girl. We wonder if this is likely to be catching!

In July the last single member of the staff, namely Snr.Tech. Davies, finally capitulated to the fair sex and took the inevitable step into matrimony. He initially had some difficulty in arriving for work on time but we attribute this to the lack of an alarm clock, since he is now more punctual.

We extend our sympathy and regrets to the family and relatives of Mr. Bill Fox, whose death has just occurred after a long and wearing illness.

AIRFRAME FITTER TRAINING SQUADRON

93rd Airframe Fitters lived up to expectations, and achieved 100% pass out. At the top of the class were C/A/A Bray (Direct Entry Technical Commission); S/A/A Gurney, S/A/A Rayfield and C/A/A Derviller (Cranwell Cadetships); S/A/A Tame (Direct Entry Commission G.D. Nav.) and A/A Skillicorn (N.C.O. Pilot). The rest of the Entry proved to be above average and the airframe staff wish them good luck in their future careers. Well done, 93rd! How about it, 94th?

Sgt. Budden has been posted to Station Flying Flight. I am told that he carried out three flint changes on Chipmunk engines, and bent two spoons while changing a tyre. It has been known for valve rubber to perish before, and once during a scramble the chain came off!

Also posted to the airfield are Snr.Techs Hardy, Pearsey and Soulsby. Ch.Tech. Shedd marched them down to save bus fares. Snr.Tech. Soulsby wore his golf sox for the trip: he made a hole in one.

We welcome back Mr. E. A. Bradshaw to the Progress and Revision Section from schools where he was employed in the

Examination and Progress section. We also welcome our new arrivals, Mr. F. Sibborn B.E.M. (2nd Entry, Cranwell), transferred from F.T.C., Ternhill, and Cpl.Tech. Young from No. 6 Sqn., Akrotiri, and hope their stay with us will be a happy one.

We are sorry to be losing two of our civilian instructors, Messrs. Mayne and Cantello. They have been at Halton for 32 years and will be missed by all.

Ch.Tech. Payne and Snr.Tech. Hewer organised a successful social evening just before the summer break. As far as we are able to remember everyone had a good time. A Derwent production type floor show was presented. One artist will be making a return visit, if he can avoid being posted before the next social. He sang 'Softly'.

Congratulations to Ch.Tech. Ransdale who was awarded a clasp to his Long Service and Good Conduct Medal on 3rd October. He joined the Royal Air Force in 1926 and was awarded the medal in 1944. Congratulations also to Mr. Drewe, who will be remembered by many ex-Apprentices, on being presented with the Imperial Service Medal by the Commandant.

ARMAMENT ENGINEERING SQUADRON

The gradual contraction of the squadron continued with the posting of our popular squadron commander, Sqn.Ldr. M. V. Black (35th Entry). His departure to Waddington, after a shortened tour here, is widely regretted, both in this Squadron and in the many sporting and social circles at Halton to which he devoted his energy and interests. We wish Sqn.Ldr. and Mrs. Black and their family every happiness and success in the future.

Plt.Off. H. F. Stephen is now at the helm, with W.O. T. G. Pullin in support until November, when he expects to sojourn once more in foreign climes.

We are proud of the excellent all-round course results and graduation performances of the 93rd Entry, including L/A/A Sowell and A/A Davies. Well done 93rd! All the best for the future, and thank you for returning the Crebbin-Robinson Cup to its rightful resting place.

At cricket we failed, marginally, to justify the efforts of Messrs. Pullin, Wilson, and Stone. What a pity we cannot look forward to otherwise certain success next season!



Vulcan's Forge?

As usual, the efforts and talents of squadron members contribute to successful shooting. Plt.Off. Stephen and Ch.Tech. Ron Pountain were the organisers, Sqn.Ldr. Black and Ch.Tech. Deakin the outstanding marksman.

For the present, we hope that these notes give some indication of the squadron's retention of enthusiasm in spite of contractions.

For the future, our determined aim is to **PRESS ON—REGARDLESS!**

AIRFIELD TRAINING SQUADRON

The 22nd June, 1962 will be remembered by the many who were able to be at the airfield on the day 'it' landed. The weather conditions were, at last, perfect, and the airfield dry and hard enough to accept Vulcan XA 892 for delivery from the Ministry of Supply, Farnborough. Sqn.Ldr. D. S. Bell, one of Farnborough's test-pilots, was driving, and as he approached for the first of his three dummy runs before touch-down, there was a certain amount of apprehension as to the chances of success. But with his knowledge of the six year old aircraft, and our own Air Traffic Controller's knowledge of the airfield conditions, a perfect touch down was effected and 92,000lb. of valuable aircraft was down well within the limited confines of Halton airfield. The landing weight was kept to a minimum by ensuring that no unnecessary equipment was carried, although 'in the end' one item proved to be less important than was estimated. The 'hump', which many of our own pilots know only too well, also helped a great deal. No. 892 was the fourth Vulcan to be produced, and was used by the Ministry of Supply during its useful flying life for many

experimental projects. Now she reposes, perhaps a little sadly at the thought she will never spread her wings or stretch her legs again, outside No. 4 Hangar, but her experimental projects will no doubt continue under the 'expert' efforts of the senior entries under training at the airfield.

There has been a number of Staff changes during the last quarter; we say 'Hail' to F.S. Stamp, Ch.Techs. McDonald and Shedd, Sgt. Pearsey, Snr.Techs. Hardy, Soulsby and Sullivan, Cpl. Else and Cpl.Tech. Head and 'Farewell' to Ch.Techs. Brill, McKie, Spereall, Sgts. Danton and Jerred, Snr.Tech. Clay and Cpl. Cocker, and our last feminine staff member, L.A.C.W. Thompson.

We also say a regretful farewell to Mr. Percy ('Jungle') Ellaway, who died suddenly on the 5th June at work. His happy disposition and smile will be missed by the many of us who knew him. Percy was an ex-Cranwell Apprentice of the 4th Entry in 1921, and served many years overseas, until he became a civilian instructor at Henlow in 1935. He rejoined the Royal Air Force during the war as a corporal, and left as a flight sergeant. Reinstated as a civilian instructor at St. Athan and Kirkham, he finally joined the Halton staff in 1957, training first year Air Apprentices at the airfield. He was a keen sportsman and had taken part in the R.A.F. Hockey Team Trials.

The highlights of the Airfield Training Squadron were the presentation of Mr. Bert Wren to Lord Mountbatten on the occasion of the 93rd Entry Graduation Parade, and the conceding of victory to Mr. Buddy Allwright and his 18" runner bean by Mr. Les Bishop and Mr. Wren. We have also noticed that at

the rear of No. 4 Hangar there is now a concrete path where there used to be grass. Could this be the efforts of A.M.W.D., or is it just coincidence that the grass disappeared shortly after the arrival of Snr.Tech. Soulsby, who was appointed i/c Lawns by Toy Shops, and his insatiable desire to graze?

INSTRUMENT FITTER FLIGHT

We are now receiving our full quota of Apprentices each term for training in the instrument fitter trades, and consequently the accent is on expansion and development. We have taken over a large slice of the armament training area in Bay 11 and, between teaching periods, instructors are busy enlarging classrooms and building up training rigs to cope with the increased numbers coming under instruction.

Changes in our instructor staff since the last report are:—

Postings In

Ch.Tech. Cooper, I.Fitt. (Nav) from R.A.F. Gaydon; Sgt. Jones, I.Fitt. (Gen) from No. 32 M.U., St. Athan; Cpl. Wright, I.Fitt. (Nav) from R.A.F. Binbrook.

Cpl. 'Ron' Sutton (I.Fitt. (Nav)) has joined us from the Airfield Training Squadron and we take this opportunity of congratulating him on being awarded the Coastal Command C-in-C.'s Commendation for his work at his previous unit, which was the Joint Anti-Submarine School at Londonderry.

We now have Cpls. Sutton (I.Fitt. (Nav))—Qty. 2 in the Instrument Flight, as we already had Cpl. 'Fred' Sutton of the same trade.

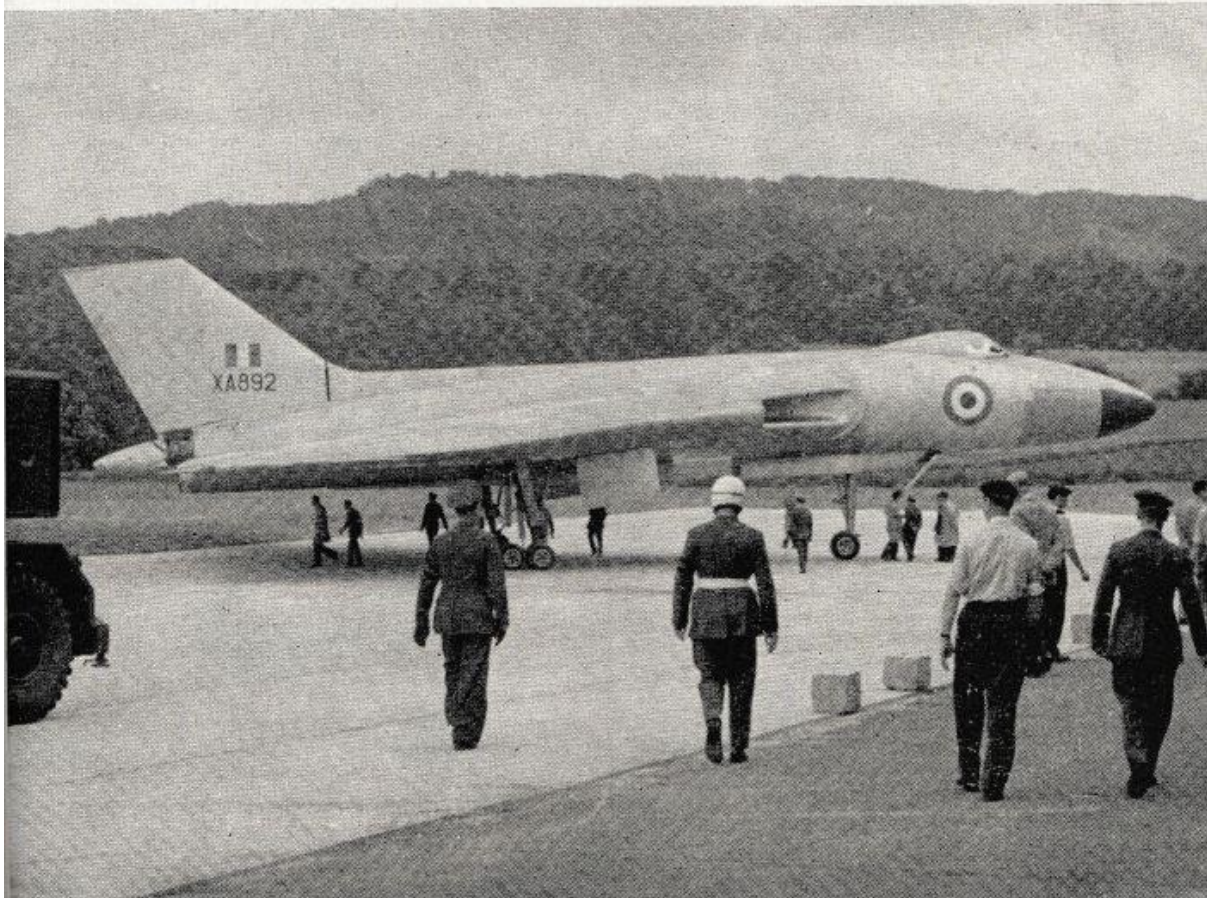
To all our new instructors we extend a hearty welcome and our best wishes go with the instructors who have recently left us or at the time of writing are about to go.

Departures

Mr. Watkins is now on the teaching staff of the new College of Further Education at Hemel Hempstead, Herts.

Cpl. Doe has returned to civilian life. Sgt. Bennett has been selected for guided missile training. F.S. Clarke (Progress Section) is leaving us to be N.C.O. i/c Instrument Section at C.F.S., R.A.F. Little Rissington, Glos.

We offer our congratulations to Snr.Tech. and Mrs. Monk on the birth of a daughter and also to Sgt. Davidson and Mr. Simmons



on their success in obtaining C. and G. Technical Teacher Certificates.

Our 93rd Entry are now out on the job and we wish them 'good instrument bashing'. We particularly congratulate C/A/A Cooper, L/A/A Hylands and A/A Harris on winning special graduation awards.

The 94th Entry are now about to take their turn and we hope they justify our efforts and hopes and their hard work and ambitions. Finally, we would like to clear up the mystery of the deep trench cut across the main road outside the Instrument Flight. It is to be used to take some of the 'surplus' heat from the Old Workshops to the new Station Headquarters and not to house a conveyor belt taking surplus paper from Station Headquarters to the Workshops.

ELECTRICAL TRAINING FLIGHT

The 93rd Entry Electrical Fitters left us at the end of last term and we wish them all the very best of luck in their future service life.

With the departure of the old we also bid welcome to the new in the form of the 102nd Entry who are going to set something of a problem to the supervisor because of their large numbers.

The 'revision team' loses its programme planner this term as Ch.Tech. Crow is posted to 2nd T.A.F. Newcomer to the section is Cpl.Tech. Sansom who arrived from R.A.F. Eastleigh. It is rumoured that he knows how to kick a football and will be turning out with the section team in their 'friendly' games with any challengers.

The section cricket team became non-existent after a couple of games, both of which were lost, owing to clashes with training duties on Thursday evenings. The other excuse is that Snr.Tech. Atkinson has left us to go on a Transport Command Servicing Chief's course. He will be away for about a year.

Congratulations to Snr.Tech. Stevens on his efforts at High Wycombe Technical School, which won him the prize for the best student at A.2 level of the H.N.C. Electrical Engineering Course.

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