



ROYAL AERONAUTICAL SOCIETY

Loughborough Branch

Minutes of the Annual General Meetings held on Tuesday 7th May 2019

No. attendees – 27.

1 Apologies for Absence

There were none.

2 Minutes of AGM held on 8th May 2018

These were approved nem con.

Proposer – John Ollerhead Seconder – Tony Irwin

3 Matters Arising

There were none.

4 Minutes of EGM held on 22nd January 2019

These were approved nem con.

Proposer – Mac Maccabee Seconder – Mike Hirst

5 Secretary's Report

See Annex 1 Section 1 (Secretary's Report on the 2018/19 Season).

The Secretary stated that:

- a. Once again, the Loughborough Branch had held an excellent season of lectures covering all aspects of aerospace – historical, present and the future; reminiscences and modern technology.
- b. The average attendance has been **148**. (N.B. This includes the lecture immediately following the AGM and the preceding summer's evening of lectures by Loughborough University's Aeronautical and Automotive Engineering (AeAE) Department's final year MEng students where the attendance was approximately 300.) This year's average attendance compares with **138** in 2017/18, **132** in 2016/17, **150** in 2015/16 and **168** in 2014/15. The attendance for the 2018/19 season is thus broadly in line with previous seasons.
- c. There were 4 lectures with other organisations. These organisations were Loughborough University Aeronautical and Automotive Engineering (AeAE) Department, Loughborough University Students' Velocity Society (2 lectures) and the Institute of Mechanical Engineering.

The Secretary continued by describing the proposed programme of events for the 2019/20 season.

6 Treasurer's Report

See Annex 2 (Treasurer's Report on the 2018/19 Season).

The Treasurer stated that:

- a. The grant received from the RAeS was £2000, i.e. £200 higher than for the 2017/18 season.
- b. There had been a decrease in Friends' Membership from 81 down to 57 for the 2017/18 season. This may be due, in part, to the Branch Members' subscription being increased from £10 p.a. to £15 p.a.
- c. Lecturers' expenses were lower than for the 2017/18 season, especially after taking account of the joint lecture contribution yet to be recovered from the IMechE.

- d. The amount charged by the University for the hire of the lecture theatre has remained the same as for the 2018/18 season at £900 p.a..
- e. Following representations made to Loughborough University by Prof. Jim McGuirk, Branch Chairman, it has been agreed that the Branch is not liable for any charges associated with the hire of AV equipment for the 2016/17 and 2017/18 seasons. Hence it is no longer necessary to make provision for any accrued debt.
- f. The bank balance is £7864.45 which is higher than last year's balance of £6889.50.
- g. At the end of December 2018, £6000 was transferred from the Branch's current account to the capital account.

7 Consequences of General Data Protection Regulations (GDPRs)

See Annex 1 Section 2 (Secretary's Report on the 2018/19 Season).

8 Election of Officers

The following committee members had indicated that they were willing to stand for re-election for the 2019/20 Season:

Chairman:	Prof. Jim McGuirk*
Secretary:	Colin Moss*
Assistant Secretary	Dr. John Ollerhead*
Treasurer:	Stephen Hogarth*,
Meetings Secretary:	Dr. Vipran Kannan*
Visits Secretary	John Newton*
Committee Members:	Ivor Amos, Gerry Elloy*, Mike Hirst, Tony Irwin*, Mac Maccabee, Peter Nathanail, Daniel Nutt, John Robertson*, Paul Snelling*, Dr. Adrian Spencer*, Goff Tearle*

N.B. Barry Jacobson was not standing for re-election to the committee.

*RAeS members.

All those standing for election were elected nem con.

9 Any Other Business

There was none.

Colin Moss MRAeS, Branch Secretary

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Annex 1 - Secretary's Report

Section 1

Lecture Programmes for 2018/19 and 2019/20 Seasons

In all a total of ten lectures were planned for the 2018/19 programme. These are as shown in the table below. Refer to RAeS Loughborough Branch website for full reports on the lectures (including attendances).

Date	Lecture/Lecturer
16 th Oct 2018	Queen Elizabeth Class Aircraft Carriers – Flagships for the Future by Mark Dannatt, Head of Acquisition QE Class, UK MoD <i>Elfyn Richards Prestige Lecture</i>
5 th Nov 2018	Taranis UAV Flight Testing by Jon Wiggall, BAE Systems – Military Air and Information <i>Joint lecture with Loughborough University Velocity Society</i>
20 th Nov 2018	Chasing Bears in the Phantom by Captain Nick Anderson, Virgin Atlantic and ex-RAF fighter pilot.
11 th Dec 2018	From ocean to stratosphere with solar energy by Raphael Domjan, SolarXplorers SA <i>Joint lecture with IMechE</i>
22 nd Jan 2019	Computational Fluid Dynamics (CFD) and its Importance to Aircraft Design by Prof. Gary Page, Head of Department of Aeronautical Engineering and Transport Studies, Loughborough University
11 th Feb 2019	In the Blink of an Eye (Head-Mounted Displays Development within BAE Systems) by Alex Cameron, Product Manager Helmet and Head Mounted Display Systems, BAE Systems, Electronic Systems, Rochester <i>Joint lecture with Loughborough University Velocity Society</i>
26 th Feb 2019	Commercial Helicopter Operations by Steve Hogarth, FRAeS FRIN, RAeS Loughborough Branch Treasurer
19 th March 2019	Hybrid Electric Aircraft by Dr Panos Laskaridis, Head of Hybrid Electric Propulsion Group, Cranfield University
7 th May 2019	Blue Steel – The V-Force's Stand-off Bomb by Air Commodore Norman Bonnor FRAeS FRIN RAF (Ret'd)
11 th June 2019	Loughborough University MEng Final Year Aircraft Design Projects – series short lectures. This series of mini-lectures will be given by groups of final year MEng students and will describe the results obtained from their projects. <i>Joint Event with University Dept of Aero & Auto Engineering</i>

Annex 1 - Secretary's Report

The lectures shown in the table below have been planned for the 2019/20 Season:

Date	Lecture
15 th Oct 2019	Beluga XL – oversize transport for the 21st century by Veronique Roca, Airbus Airbus BelugaXL Technical Director & Chief Engineer <i>Possible Joint lecture with Loughborough University Velocity Society</i>
5 th Nov 2019	Battle of the X-planes – The Competition for the Joint Strike Fighter Programme by Rear Admiral Simon Henley, RAeS President <i>Elfyn Richards Prestige Lecture</i>
19 th Nov 2019	The Fairey Rotodyne by David Gibbings
10 th Dec 2019	Powering the Airbus A400M, the Rolls-Royce TP400 – speaker TBD.
21 st Jan 2020	Nanosatellites: Enabling technologies for novel mission architectures by Dr Kate Smith, Lecturer in Aerospace Engineering, University of Manchester
11 th Feb 2020	Quicksilver - regaining world water speed record for Britain by Nigel McKnight <i>Possible Joint lecture with Loughborough University Velocity Society</i>
25 th Feb 2020	High alpha testing and flight safety by Terry Smith. BAE Flight Test, ret'd
17 th Mar 2020	Rolls-Royce Electrification Strategy & The All-Electric Demonstrator ACCEL Project by Matheu Parr, ACCEL Programme Manager, Rolls-Royce PLC <i>Possible Joint lecture with IMechE</i>
5 th May 2020	The North American X-15, the first manned American spacecraft by Roger Allton Lecture to be preceded by AGM at 7.00 p.m.
11 th June 2020	Loughborough University MEng Final Year Aircraft Design Projects – series short lectures. (N.B. Start time 7.00 p.m, venue Room J104, Edward Herbert Building). This series of mini-lectures will be given by groups of final year MEng students and will describe the results obtained from their projects. <i>Joint Event with University Dept of Aero & Auto Engineering</i>

Annex 1 - Secretary's Report

Section 2

Consequences of General Data Protection Regulations (GDPRs)

- a. A considerable amount of work has been carried out by the RAeS Loughborough Branch over the last year. This included much nugatory work by the Branch before the method of operation of the GDPRs compliant data storage and communication system became clear.
- b. The data storage and communication system will now operate as follows:
 - i. All data such as names, postal addresses, telephone numbers and e-mail addresses **of all RAeS contacts** are now stored on a single master database held and managed by RAeS HQ. **This master database is highly secure.**
 - ii. RAeS HQ have created a Loughborough Branch sub-database of Loughborough Branch contacts based on the master database. This sub-database will contain the details of all persons who have expressed an interest in the activities of the RAeS Loughborough Branch together with all RAeS Members living in LE postal districts. This sub-database currently contains the details of 1225 persons.
 - iii. All bulk e-mails (*dotmails*) are now generated by the Branch secretariat and sent out via *Dotdigital* under the control of RAeS HQ.
 - iv. All *dotmails* incorporate an **Unsubscribe** button allowing recipients to instantly unsubscribe from receiving such e-mails*.
 - v. The Branch's official e-mail address is now loughborough@aerosociety.com. All e-mails sent from that address also incorporate an Unsubscribe button*.

*N.B. Persons wishing to Unsubscribe only from certain categories of e-mail should use the Profile facility on the RAeS website.

- c. Other associated changes:
 - i. All **RAeS Members** and **Branch Friends**, i.e. persons who pay an annual subscription to the Branch, will henceforth be known simply as "**Branch Members**". N.B. An RAeS Member's relationship with the RAeS HQ will remain unchanged.
 - ii. Bulk e-mails, i.e. "*dotmails*", will reference the RAeS's main website (www.aerosociety.com) and, in particular, the RAeS Loughborough Page on that website (www.aerosociety.com/get-involved/branches-divisions/loughborough/), rather than the Loughborough Branch's own website (loughborough-raes.org.uk). The Loughborough page of the RAeS's main website contains a link to the Branch website which is where full details of Branch activities can be found.
 - iii. It is likely that **Branch Members** who have not provided an e-mail address will henceforth receive their annual copy of the Branch's brochure by post via RAeS HQ rather than directly from the Branch.

Annex 2 – Treasurer’s Report

INCOME and EXPENDITURE Account	2017/2018	2018/2019	
	£	£	
INCOME			
1. Grant from RAeS HQ	1800.00	2000.00	Note 1
2. Subscriptions from ‘Branch Members’	810.00	855.00	Note 2
3. Donations (collections) at lectures	378.10	443.26	Note 3
4. Interest on Capital Account	-	0.82	
Total	2988.10	3299.08	
EXPENDITURE			
1. Lecture Expenses (travel, accommodation & hospitality)	1085.08	888.31	
2. Room Bookings	900.00	900.00	Note 4
3. Secretarial, publicity and programmes	552.63	95.00	
4. Branch Conferences, Forum and Workshops	74.75	368.96	Note 5
5. Website Expenditure	110.10	71.86	
Total	2722.56	2324.13	
Surplus (deficit) on year	265.54	974.95	Note 6

Notes

1. Second instalment increased from £ 900 to £ 1100
2. There were 81 Branch Members 2017/2018 @ £10 membership fee p.a. and 57 in 2018/2019 @ £15 p.a
3. Suggested donation by visitors increased from £2 in 2017/2018 to £3 for 2018/2019.
4. Concern over potential Audio/Visual equipment accruals removed and preferential room hire secured by efforts of Hon. Chairman.
5. Branch Conference and GDPR workshop attended by Branch Hon. Secretary.
6. 50% contribution to joint lecture with I.Mech.E yet to be recovered (£184.08)

Annex 2 – Treasurer’s Report

STATEMENT OF BANK BALANCES at 4th May 2019

Brought forward balances from 2017/2018 season	£	
Current Account. @ 03 May 2018	6887.16	
Capital Account. @ 03 May 2018	2.34	
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	Total	6889.50
Surplus for season 2018/2019	974.95	
Represented by balances		
Current Account @ 04 May 2019	1861.29	
Capital Account @ 04 May 2019	6003.16	Note 1
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	Total	7864.45

Notes

1. £ 6000 transferred from Current to Capital Account 31st December 2018 to ‘enjoy’ interest.