



**Issue No: 170**

**Driving the wheel of fellowship**

## May'19 Newsletter

**Programme for the next two months.**

**Speaker Finder Grace & Thanks**

### **May**

Monday 6th **May Bank Holiday**

Thursday 9th Council 7-30 p.m.

Monday 13th Normal Meeting Rose Chapman Anne Baker

Monday 20th AGM and Business Meeting

Monday 27th **Spring Bank Holiday**

### **June**

Monday 3rd Normal Meeting Sally Hollis Sue Sharp

Monday 10th Normal Meeting John Howell David Haynes

Thursday 13th Council Meeting 7-30 p.m.

Monday 17th Business Meeting

Monday 24th **President Change Over Day**  
Mark Thompson Sally Hollis

If you are unable to carry out your duty in May please find a substitute and tell Mike Toone Tel:- 01455 202119 email:- mike.toone@btinternet.com

[www.lutterworthrotary.org.uk](http://www.lutterworthrotary.org.uk)

## Please NOTE

The **AGM** will be moved from the 13th May to the 20th but Council will remain on the 9th

**During MAY** if you are unable to carry out your "duty" please find a substitute and tell Mike Toone Tel:- 01455 220254 or Email:- [mike.toone@btinternet.com](mailto:mike.toone@btinternet.com)



Having presented **The Air Ambulance Service** with a cheque at the end of March for funds raised at last year's Santa Fun Run I thought you might

like to know exactly what they do along with the cost of running this voluntary service.

The Air Ambulance Service (TAAS) is a registered charity in the UK that runs two emergency air ambulances, the Warwickshire & Northamptonshire Air Ambulance (WNAA) and the Derbyshire, Leicestershire & Rutland Air Ambulance (DLRAA), and also operates the national Children's Air Ambulance, an emergency transfer service for seriously ill babies and children.

WNAA and DLRAA both fly with a pilot, a doctor and a critical care paramedic on board. The Children's Air Ambulance flies with two pilots and a team of up to three NHS clinicians which includes at least one senior nurse and often a consultant.

The charity currently leases four aircraft; two AgustaWestland AW109 helicopters from Sloane Helicopters<sup>[9]</sup> and two AgustaWestland AW169 helicopters from Specialist Aviation Services.<sup>[10]</sup>

G-RSCU, an AgustaWestland AW109 based at Coventry Airport for The Warwickshire & Northamptonshire Air Ambulance.

G-TAAS, an AgustaWestland AW109 based at East Midlands Airport for The Derbyshire, Leicestershire & Rutland Air Ambulance.

G-PICU, an AgustaWestland AW169 based at Oxford Airport covering the South of the country for The Children's Air Ambulance.

G-TCAA, an AgustaWestland AW169 based at Doncaster Sheffield Airport covering the North of the country for The Children's Air Ambulance.

In addition to providing air ambulance services, the charity also operates two Skoda 4x4 Critical Care Rapid Response Vehicles based at Coventry Airport and East Midlands Airport.

These are used to provide assistance and attend emergency incidents when the air ambulances are unavailable, particularly overnight when the response can be just as fast as using a helicopter.

The RRV's carry the same equipment as the helicopters including a defibrillator/cardiac monitor, CPR machine and kit bag containing medical consumables and drugs.

Between the helicopters and cars, from January 2019 they are operating a full 365 x 24 hour service.

Each mission by the emergency helicopters costs an average of £1,700 each and for the Children's Helicopter, £2,800 each. Unlike other air ambulance services, all our critical care paramedics are employed by them to a higher critical care level which enables them to provide a more extensive care at the scene. They average about 1,800 flights each year and, to date, have completed 37,473 missions at the end of last month.

This, of course, comes at a considerable cost and their fund raising target for this year is £27 million just to keep the two sets of aircraft based operations running. They aim to raise this money in a variety of ways including their large retail organisation with over 50 shops, including their first superstore in Alfreton opened this year, corporate partners who organise a variety of events within their organisations, gifts in wills and, by no means least, hundreds of fund raising events from organisations like ourselves.

**THEY RECEIVE NO GOVERNMENT FUNDING AND ARE TOTALLY RELIANT ON PEOPLE LIKE US FOR WHICH THEY ARE FOR EVER GRATEFUL.**

## Development of the Jet Engine

Our speaker on Monday Roger Jones gave us a most interesting talk on the development of the Jet Engine as we know it today.

According to Wikipedia Jet Engines can be dated back to the invention of the aeolipile around 150 BC and was not used for supplying mechanical power but simply considered a curiosity.

Following that several people claimed they were the first to have invented the jet engine . The earliest airbreathing jet engines were hybrid designs in which an external power source first compressed air which was then mixed with fuel and burned for jet thrust. Towards the end of World War 11 the Japanese intended to power their Ohka kamikaze planes with this a form of jet but were never successful and had to resort to a slower propeller driven engine.

A French engineer René Lorin patented a design for the world's first ramjet but it was never possible to develop a working prototype as no existing aeroplane could achieve sufficient speed in 1913 to operate it.

Engineers in the 1930's realised that the max. performance of piston engines were limited as efficiency declined as blade tips approached the speed of sound.

We were told that in 1928 Air Cadet Frank Whittle formally submitted his ideas for a turbo-jet to his superiors In October 1929 he developed his ideas further and on 16th January 1930 Whittle submitted his first patent which was granted in 1932.



The patent showed a two-stage axial compressor feeding a single-sided centrifugal compressor.

Whittle had his first engine running in April 1937. It was liquid-fuelled and included a self contained fuel pump.

In 1941 an engine was fitted to the Gloster E28/39 (specially built to take the engine) which first flew on 15th May 1941 at RAF Cranwell.

*This is but a short report on our speaker's talk to which I have added items taken from the computer which I hope has clarified the details he gave us in his talk.*

## **Misterton Plant, Craft and Food Fair - Sunday 12th May**

We look forward to seeing you at Misterton on **Sunday 12<sup>th</sup> May** between 10am and 4pm for our 13<sup>th</sup> Annual Plant Craft and Food Fair.

The cost of entry for Adults is £4-00 and is Free for those under 16 years.

The Car Park is Free.  
For those who have not been to Misterton Hall before it is easy to find being just off Junction 20 of the M1 (LE17 4JP)



There will be around 40 stalls covering a wide range of plants, craft goods and food delicacies.

A special effort is being made this year to widen the Show's appeal to families and children.

You will be able to wander round the delightful gardens with views across the lake and take in the ambience of the place whether wet or fine.

Other attractions include the Classic and Vintage Vehicles (Concours D'elegance) and live music.

We look forward to welcoming you to Misterton on Sunday 12<sup>th</sup> May.

## **Women at War - Sandy Dayton - 25th March**

Since the time of conflict around the world women have been involved in contributing to winning wars from time immemorial and more particularly WW11. They became ATS (Auxiliary Territorial Service). WAAF (Women's Auxiliary Air Force), and WRNS (Women's Royal Naval Service – nurses, -the Land Army running our food supply in replacing the men who were at war – working in factories and working in banks and the service industries to name but a few.

As our speaker Sandy Dayton said in her talk they played a large part in manufacturing producing ammunition and aircraft together with the supply of planes from the factory to the airfield. In freeing Europe of the Germans you read of the number of very active partisans and snipers being very effective working (on the front line and) behind enemy lines.

In talking about the subject it drew one's attention to the part women played during the war.



The London Blitz being a good example of "Women at War" comforting the elderly and caring for the children who had their fathers abroad on the front line.

Her talk was both informative and thought provoking on the part women played over that traumatic time between both world wars.

Detailed research going back in history would be necessary to give a full picture on "Women at War" and the part they played in a nations destiny.

## **A Farmer's son - 1st April**

Richard Sander a local farmer's son and next door neighbour to one of our members gave us a true and amusing set of stories that he had encountered in growing up on his father's farm.

He was the youngest of four siblings – one sister and two brothers all who had been brought up the same way.

He recounted many stories of how they were brought up as one of the family with animals around them all the time.

He started by telling us of his embarrassment at school where some sheep foot rot spray—a bright blue or mauve - was used by his father to cure any rash on his children's arms or legs they then had to suffer the mirth of their class mates when they had to strip for gym and swimming.

He explained that a farmer's "flat hat" had a practical use apart from being used to flap at sheep when moving sheep from one field to another and thought (by sheep) to represent applause when going into the wrong field.

Baling twine's main use was for repairing a broken gate or fence – or it was on his farm – when in reality they should be replaced.

Another tale he told was about one of his brothers wanting to make some money for a holiday and was introduced to a local apple farmer in helping to pick his crop. The crop that year was good and he did well but was caught out the following year when he volunteered to help. The crop was not so good the following year and his return on his efforts were not so lucrative. It was a hard lesson because he did not realise that apples only crop well every other year.

A highly amusing talk especially appreciated by our Rotarian farmers.

## **A talk on being a Professional Pilot** 8th April 2019

Our speakers both professional pilots of some 20+ years, daughter in law, Margo Kay together with Sally Parkinson's son Danny Kay gave us a wonderful insight into the life of being professional pilots - mainly in the States over many years, while bringing up a family.

Margo, an inspiration for those who want a life in flying (commercially) told us—after 12,000 hours flying in a variety of planes for “Pals” an American Operator. Telling us of some of the things she had experienced in flying up and down the Eastern Sea Board from Canada to Florida and Cuba. Her love of flying started when she was 16 and continues today despite the change in plane technology.



As Margo told us it was a strange change of career having taken a degree in English Literature.

The questions thrown at her by members during her talk were more than adequately answered even from our private pilots from within the club members.

Do come back and talk to us again and fill in answers to questions posed but where time prevented from doing so. You never know you might recruit future commercial pilots from within the club.

### **Did you know?**

#### **The Ginkgo Tree**

That this remarkable tree is said to be the oldest tree in the world, and believed to have been in existence before the Flood. Medical researchers have found it of value for patients with fibromyalgia, depression and symptoms following decreased cerebral blood flow.

Ginkgo is also claimed to help in cases of hearing loss, tinnitus, dizziness, mouth ulcers, varicose veins and short-term memory loss.

Together with Ginseng it survived the Hiroshima bomb.