



# POINTS NORTH WEST

## BMFA North West Area NEWSLETTER

Editor: Tom Anyon  
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**May/June 1997**

### PNW & Club Bulletin

Only one copy of PNW and one copy of the Club Bulletin is sent to each club. Can you please arrange for their contents to be distributed to your club members. Thank you.

### This issue

I could have done with leaving it another month before publishing this issue because I am short of material, but as there are some diary dates in May, I had to get weaving!

### Speakers for club Meetings

I have a list of speakers for club meetings which is probably well out of date.

If you are, or know of any speakers of interest, will you let me know so that my list can be updated.



### North West Area Officials:

Chairman: Chris Bromley FSMAE

Vice Chairman: Roy Allam

Secretary: Eric Clark

Treasurer: Derek Gilbert

Area Council Del: Mike Colling FSMAE

Area P.R.O: David Lloyd-Jones

Comp Secretary: Mel Walker

Auditors: Gerry Ferer & Andy Ellison

( A sort of who's who at the NW)



## NW Area Affiliated Clubs

Anglesey & Dist MAC  
Ashton MAC  
Avro Lancaster MAS  
Bilston MAC  
Blackburn & Dist MAC  
Blackpool Model Helicopter Club  
Bolton MAS  
Bramhall Area Thermal & Slope SS  
Bramhall R/C MAC  
Burnley & Pendle Aeromodellers  
Bury Metro MFC  
Carlisle & Dist MAC  
Chase MAC  
Cheshire Falcons  
Cheshire Hell-E-Cats  
Cheshire MC  
Cheshire Plain Fliers  
Chorley & South Ribble MS  
Church Stretton R/C MC  
Clwyd Helicopters  
Clwyd Soaring Association  
Copeland MC  
Dark Peak MAC  
Delyn MFC  
Dolphin MFC  
Falcons Free Flight Society  
Furness MAS  
Fylde Coast MFA  
Gazelles  
Great Orme Soaring Association  
Heswall MAC  
High Peak MAC  
Hindley Green MFC  
Hough End MAC  
JCB MAC  
Kendal MAC  
Kinver Aeronauts R/C Society  
Kirkby Moss FC  
Knutsford & Dist MFC  
Leek & Moorland MGA  
Leisure Lakes MC  
Liverpool & Dist MAS  
Llandudno & Great Orme P & SSA  
Lleyn MACC  
Macclesfield MAS  
Macclesfield MFC  
Manx MF  
Mellor FC  
Mid Cheshire MFC  
Mossborough Hall MFC  
North Staffs RFA

North Wales Slope Soarers  
North Manchester MFG  
North West Free Flight Group  
Northwich Eagles MFG  
North Staff MFC  
Oldham & Dist MAC  
Parkway MFC  
Phoenix MAC  
RAF Sealand MAC  
Rainford MFC  
Red Dragons MFC  
Rhyl & Dist MC  
Rochdale R/C MFA  
Rolls Royce Motor Cars MC  
Rossendale & Hyndburn MAC  
4th Rossendale MSG  
Roy Lever Academy of Model Flying  
Runcorn MA  
Sale MFC  
Sharston MAC  
Shevington MFC  
Shropshire MFC  
Skelmersdale MAC  
Sky Knights  
South Liverpool MFC  
Southport MAC  
Spitfires Potteries  
St Davids College S/F (Y Group)  
St Helens MFC  
Staffordshire MHC  
Telford MAC  
The Associates FC  
Three Sisters MAC  
Timperley MF  
Tyldesley MFC  
Urmston & Dist MAC  
Valley Skylarks MFC  
Whitefield  
Widnes MFC  
Wigan MAC  
Wirral R/C FS  
Wirral Tigers  
Wolves MAC  
Worfield MFA

If you wish to contact any of the above clubs, you will need to contact the BMFA at Leicester 0116 2440028 or the North West Area Secretary Eric Clark on 01704 536546. Points North West is posted to all Area Officials and Area Chief Examiners in addition to the above list.



## Commonwealth CA-25 "Winjeel"

### Registration

VH-BFX

### Construction

Airframe No. 25-02

**Builder:** Commonwealth Aircraft Corporation PTY. Ltd., Lorimer Street, Port Melbourne, Victoria

### Technical Data

Power: Pratt & Whitney "Wasp Junior" R.985-AN.2. 445hp

Wingspan: 38ft 7 1/2ins

Max speed: 186mph

Length: 28ft 0 1/2ins

Cruise speed: 165mph

Height: 9ft 1in

Range: 550 miles

Weight empty: 3289lbs

Seats: 3

Weight total: 4265lbs

### Australian

Developed from the CA-22 which was first flown in 1950, the CA-25 Winjeel (Young Eagle) was the production version of a trainer design intended to replace the ageing Wirraways then in service.

As A85-402, this aircraft was the first true production example built, and most of its life was spent at Laverton and Point Cook (Australia) with No. 1 B.F.T.S. After some twenty-five years in service use, the Winjeel was disposed of and after overhaul was registered to Malcolm Long on 8th April 1982, as VH-BFX. The aircraft made its first public appearance at Mangalore, Victoria two days later and has been a regular airshow visitor since then.

It now resides at Airworld \* as part of the 'Long Collection'.

\* Airworld is the Aviation Museum at Wangaratta, Victoria, Australia



## **North West Motorsports Federation**

I'm not sure when it was formed, I think it was early or mid eighties. It covers all types of motor sports i.e. Cars, Motorcycles, Hovercrafts, Models etc. Aeromodelling has been represented on the NWMF committee ever since it was formed. I was on the committee for almost 10 years and Gerry Ferer of Timperley Model Fliers is currently on the committee. David Lloyd-Jones and Mike Jackson, both well known to the North West, have also been your representatives. In the early stages, aeromodelling was the largest of the groups, but have gradually been dropping out.

At present, affiliation fee is only £8 per year per club and for that you get a news bulletin and other Sports information as it becomes available. Your representative informs the BMFA North West Area of the contents of their committee meetings. Ask your club to support them by re-affiliating, you can use the form on the page opposite.

# North West Motorsports Federation



"By-Ways"  
44 Penrhyn Isaf Road  
Llandudno LL30 3LT  
North Wales

Tel:  
01492 - 581222 (B)  
01492 - 546688 (H)

Dear Sir / Madam,

It is my duty to remind you that your subscription to the North West Motorsports Federation expires on 31st December 1996

In order to effect renewal for the next twelve month period please complete the form below and return together with your subscription payment of £8 to the above address. Please make your cheque payable to the NORTH WEST MOTORSPORTS FEDERATION.

Name of Club/Organisation \_\_\_\_\_

Name & Address to whom correspondence should be sent:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone number \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_

If for any reason you do not wish to continue your affiliation, for our record purposes please return this form marked with a cross, filling in the name of your Club/Association.

Yours faithfully

Allan Dean-Lewis  
Hon Secretary

If any other information is required please send a SAE to Allan Dean-Lewis at the above address and an introduction leaflet will be forwarded to you.

REPRESENTING ALL MOTORSPORTS IN THE NORTH WEST



## Hints ' n ' Tips



Keep the extra bits that you cut off the servo arms and trim them as shown above (antenna grip). These are useful for keeping the receiver arial tidy but don't forget to secure the receiver arial at the bulkhead or other fuselage exit so that it doesn't pull on the receiver. Helicopter arials can be anchored to the lower portion of the tail fin in a similar manner.



## Extracts from Club Bulletins issues 84 & 85

### Insurance

BMFA Sports Personal Accident Scheme cover doubled for members from 1st January 1997. The cover now in place provides the following benefits:

- |   |             |
|---|-------------|
| 1. Fatal Accident   | £5,000      |
| 2. Loss of Limb(s)/Eye(s)/Speech<br>Hearing (both ears)                   | £100,000    |
| 3. Total Permanent Disablement  | £100,000    |
| 4. Dental Expenses (Accidental<br>loss of, or damage to teeth<br>(Excess) | £500<br>£25 |
| 5. Continental Scale for Minor injuries<br>to include:                    |             |
| Permanent Total Loss of Use of:<br>Shoulder/Elbow/Hip/Knee/Ankle          |             |
| Wrist   | £7,500      |
| Finger (one bone)   | £5,000      |
| Thumb (one bone)  | £7,500      |
| Big Toe (one bone)  | £2,500      |
| Other Toes (one bone)   | £500        |

You should have read about this in the March Edition of the BMFA News but I thought it worthy of another plug.

*Be careful when using helpers at the field especially hand launch models. Whilst the launcher has hold of the model, he or she is in charge, and if that person is not a BMFA member then they will probably not be insured. It is not impossible for your hand to slip along the greasy fuselage and into the propellor or trip on an obstacle on the ground.*

### Temporary BMFA Membership

Clubs may offer temporary BMFA membership to visitors to your club from within the UK who are not BMFA members but have been invited to use your flying facilities on a temporary basis. A non-refundable fee of £5 is payable for a single period of 30 days. An application is processed in a similar manner to membership through an affiliated club, however, Club Secretaries are asked to advise BMFA HQ by letter or fax of the names of the temporary members and the period of the temporary membership so that records can be adjusted accordingly.

## Aerobatics

If you're interested in aerobatics but don't think you're good enough, think again. The Standard schedule is not much harder than the BMFA 'B' test.

I became interested in aerobatics when Ray Brotherston, then a North West Area Chief Examiner, came to Fleetwood to take my colleague and myself for our Examiner test. Later, Ray treated us to a demonstration flight of the Master Class schedule. I was hooked, that's how I would like to fly so I built a Rackateer, fit an old Webra 60 (£10 at Woodvale) and from that time my flying improved. It wasn't the aeroplane, it was because instead of flying aimlessly round the sky I was following a schedule. I also built a Flair Super Lightning and splashed out on an OS 61 VFR then entered a few club and inter-club competitions with some success. About that time I started judging aerobatics at Standard and Senior class level to gain experience, then on to Master Class. I still enjoy flying aerobatics with my Super Dalotel and have almost completed a Dave Smith Aerostar 69 with Yamada pumper, but get more satisfaction from judging the country's top flyers at the Nationals and Centralised events.

In addition to the Masters schedule, last year's Nationals included the Standard & Senior class schedules, it will be the same again this year. If you have passed your 'B' test then you would probably do quite well at the Nationals, practice makes perfect and any BMFA member may compete.

Instead of competing you may prefer judging. Start by assisting judges at any aerobatic event. A judge needs to keep his eye on the 'plane all the time and needs someone to write down the score. From there, you will be trained to judge progressing to major competitions.

## The Standard Schedule

### Three inside loops (centre)

Model pulls to complete 3 inside loops on the centre-line, to be concentric and superimposed

### Stall turn (upwind end)

Model pulls to fly vertical, stall turns to either left or right then descend vertical down the same path as the upwards leg

### Level inverted (centre)

Model rolls to fly level inverted an equal distance either side of the centre line

### Half Cuban eight (downwind end)

Model pulls to complete 5/8 inside loop, 1/2 rolls half way down the 45 deg downleg

### Square loop (centre)

Model pulls 1/4 loop to vertical, pulls 1/4 loop to inverted, pulls 1/4 loop to vertical downwards, pulls 1/4 loop to level flight.

### Immelman turn (upwind end)

Model completes half an inside loop then an immediate half roll to level flight.

### Three outside loops (centre)

Model pushes to three outside loops (bunts) on the centre-line, concentric and superimposed

### Half roll, half square loop (downwind end)

Model rolls to inverted, pulls to vertical downline then pulls to level flight.

### Double Immelman (centre)

Model pulls to half loop and immediately rolls to level flight, pushes to half outside loop and rolls to level flight.

### Half reverse Cuban eight (upwind end)

Model pulls to 45 deg, completes half roll half way up 45 deg leg, and pulls to 5/8 inside loop.

### Slow roll (centre)

Model completes slow roll to left or right for an equal distance either side of the centre line.

### Half square loop with half roll in

#### vertical (downwind)

Model pulls to vertical, completes half roll half way up vertical leg then pushes to level flight.

### Three turn spin (centre)

With low throttle and nose slightly high, model slows to a stall then completes a three turn spin. Spin must be more than 2 1/2 turns and less than 3 1/2 turns.

This schedule can be completed with almost any 4 channel model although a pattern ship would be an advantage.

**"EDDIE" RIDING MEMORIAL TROPHY  
FREE FLIGHT SCALE EVENT  
WOODVALE '97, Saturday, August 2nd**

**UPDATE - "LITTLE JETS AT WOODVALE"**

The "Eddie" Riding Free Flight Scale event will have another class added this year.

HARDEN ASSOCIATES will be presenting prizes for the best flight by a SCALE model powered by JETX motor.

Entrants models MUST be SCALE miniatures of full size GAS TURBINE powered aircraft.

A list of available plans designed for this event will be forwarded on request with competition details. This is in addition to the now established classes of i/c Power, Rubber, Co2/Electric, competitors can ONLY enter two of the classes in the contest. Static scrutineering is from 10.00am to 4.00pm. Due to the high number of entrants, presentation of models for scrutineering MUST be before 1pm on the day, unless prior arrangement has been made for those travelling long distances. The flight part of the competition will take place after the R/C events have ended. If you can't enter come and watch the fascinating flying on the SATURDAY EVENING ONLY.

All competition details are available from the address below - please send a A5 size STAMPED addressed envelope.

Eric Clark, (E. J. Riding Competition)  
103 Hawkshead Street  
Southport  
PR8 6AH

**CLUB FLYING FIELD PROBLEMS!!**

If your club has any flying field problems (planning, noise complaints etc.) the BMFA have a Flying Site Liaison Officer (Roger Bellingham) who will help with advice on any such matters.

This service is FREE, contact the BMFA Head Office in Leicester Tel. 0116 244 0645

Reminder - full details in March/April issue of Points North West  
**SOUTHPORT MODEL AIR SHOW**

**Saturday 17th and Sunday 18th May 1997**

**10.00 am to 5.00 pm.**

**on the Southport Sands near the pier.**

For further information contact:

Mike Eccles 6 Crowland Street, Southport - Tel.. 01704 - 543211

Ken Ritchie 16 Furness Close, Ainsdale, Southport - Tel. 01704 - 78898

## **STOLEN**

Red Arrow flying scale model with fibre-glass fuselage

Robin - white & orange, bent wings, strobe on top

Spitfire - scale model with fibre-glass fuselage

2 - stunt planes, 1 Karmasutra with fibre-glass fuselage, brightly coloured and 1 orange with blue under wings.

Turbulent - wings white with crosses, fitted with 4-stroke engine.

2 Gangsters - 1 yellow, 1 blue, both damaged

Magnetilla - red with aluminium cowl - no wing

Assorted engines

Radio-controlled off-road car. Aerofuel

2 channel & 4 channel Futaba transmitters

Radio-controlled Helicopter - RS Powered written on fuselage

3 Mamod steam engines - 1 car, 1 lorry, 1 traction engine

Please contact JG Davis 82 New Street, Torrington, Devon

Tel. 01805 622231

Your North West Free Flight Delegate is:

**Mal Walker** - Tel. 0151 - 474 - 2963 (7pm onwards)

**BANK HOLIDAY BARGAINS**  
**MODEL JUMBLE & BRING AND BUY SALE**

Dispose of your unwanted models & goods  
at Catterall with Kirkland Village Hall

on the A6 between Preston & Lancaster junction A586

on Monday 26th May 1997 - Doors open at 9.00am

All modellers are welcome

Tables £5 (booked in advance)

Trade stands £15 (booked in advance)

Car Boot Sale £5 (on the day)

**MODELLING GOODS ONLY**

Visitors only £1

Details from Harry Pickles - Tel. 01282 431070

**BURNLEY & PENDLE AEROMODELLERS**  
**SWAPMEET**

**at Barley Village Hall, Nr Burnley, Lancs**

**11th May 1997 at 9.00am to 12.00noon**

admission £1 (under 16's free) - Tables £3

for details contact S Durkin - 01282 452642

M Reid - 01282 613808

Following the Swapmeet will be the

**JET EVENT**

1.00pm to 4.00pm

An open invitation to anyone interested in jets. A get together to talk about building/operating Jet Engines. Bring your engine/partly finished engine and exchange ideas with fellow enthusiasts.

**REFRESHMENTS AVAILABLE**

**Note: Barley is easily found from Barrowford or from the A6068 which links J8 and J13 of M65. Follow fluorescent 'B.P.A.M.' signs**

# **RUNCORN MODEL ASSOCIATION**

## **FUN-FLY**

Sunday 4th May 1997

BMFA Insurance required

*Contact Derek Perchard for details*

*(0151) 495 3137*

## **Telford Model Show**

organised by Telford Model Aero Club

**Saturday 21st June & Sunday 22nd June 1997**

Weston Park Estate (M6 Juct 12 or Junct 54)

Model Aircraft Flying Displays & Pyrotechnics      Red A rrows Syncro-pair model jet display

Gas-turbine jet models    The Ghost Squadron    Full-size display by Utterly-Butterly Antonov AN-2

Build-a-Rocket sponsored by Ripmax.    Microlights & Light Aircraft.    Commentry by DB Sound

Britains Top Model Pilots (incl; Paul Heckles - Steve Holland - Andy Johnson)

Large Scale flying display by Melton Memorial Flight inc 25ft Lancaster

Admission - Adults £4 Children £2

Weekend Camping (incl admission) £19

Club flying slots available - All pilots must hold current BMFA 'B' Cert or equivalent

Proof of insurance required. 35 MHz or UHF frequencies only  
CAA exemption certificate must be available where appropriate

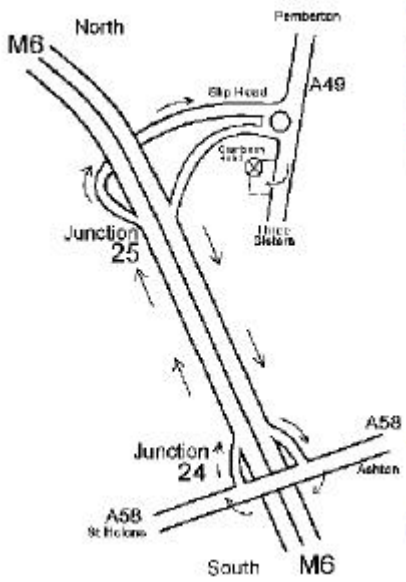
General Inquiries - Steve Bishop 43 South Drive, Madeley, Telford TF7 5DB - Tel 01952 850207

Camping enquiries - Derek Whitfield - Tel 01952 460719

### **APPEAL TO CLUB SECRETARIES**

The British Electric Flight Association gets lots of enquiries from newcomers to electric flight for help in locating clubs where there is a nucleus (2 or more) of established electric flyers who could help them get started. We are trying to set up a database of clubs around the country where this is the case so that we can respond to these enquiries. Could the secretaries of those clubs who feel that they have a number of electric flyers and would like to be on such a list please drop me a line with details.

Bob Smith (Sec BEFA)  
1 Lynwood Avenue  
Tollesby  
Middlesbrough  
Cleveland TS5 7PD



**BMFA NW Area meetings  
Cranberry Hotel  
Bryn, Wigan**

Club delegates / representatives are invited to all BMFA North West Area meetings including the AGM.

Note:  
There is no junction 25 exit on the Southbound carriageway of the M6. (see sketch opposite)

If you are travelling from the North, exit at junction 24, cross the motorway and rejoin again Northbound. Exit at the next junction (25). Turn right at the roundabout at the end of the slip-road, the Cranberry Hotel is almost immediately on your right.

**BMFA Achievement Scheme**

Your North West Area Achievement Scheme Co-ordinator is:

**Roy Allam**  
**4 Knutsford Road**  
**Marton**  
**Blackpool**  
**Lancs**  
**FY3 9UU**

*Tel. 01253 - 763566*

**Club Contacts**

This edition of Points North West has been sent to you as a Club Contact, an Area Chief Examiner or an Area Official. If it should have gone to someone else in your organisation, please let me know. Also, please check your address to see that it is correct and complete, including the post-code.

**NW Area Meeting Dates**

- Tues. 13th May 1997, 8.00pm
- Tues. 10th June 1997, 8.00pm
- Tues. 9th September 1997, 8.00pm
- Tues. 14th October 1997, 8.00pm

**NW Area AGM**

at Cranberry Hotel, Bryn, Wigan  
Sat 29th November 1997, 2.00pm

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**BMFA National AGM**

at the Trust House Forte, Coventry  
Sat 22nd November 1997, 2.00pm  
**NOTE the DATE CHANGE**