

The next meeting will be on Tuesday, 9 October 2007 at Tennis Cove, Eastern Valley Way, starting at 7.30pm. The next meeting after that will be on Tuesday, 13 November 2007 **WRCS** 

CHRISTMAS PARTY By ticket only!!! at 4 pm on SATURDAY

send cheque (made out to WRCS) and a stamped self address envelope to:

Castle Cove NSW 2069 SCALE DAY

Sunday, 21 October 2007

**Classes:** Military, Civil, both **Small and Large Scale.** Scale helis welcome Special category is "Golden Era" All aircraft with a racing heritage designed and flown prior to 1939, the category usually applies to civilian planes but some military models used as racers may be in the category. If in doubt, check!!

THIS IS A FUN EVENT WITH SAFETY PARAMOUNT **Competition Director - Mark Rickard** 

SHEPPARTON MAMMOTH

SCALE FLY-IN 2007 You reckon you've got a big one! It was a case of 'Mine's bigger than yours" all weekend at the recent event at Shepparton. With a minimum of 80" wing span, this event attracts the BIGGEST models from all over Australia. WRCS was well represented with Dave Menzies + spouse, Ron Clark + spouse, Grant Furzer, Brian Porman + spouse, David Foster, Peter Coles + spouse, Col Buckley, Doug Radford, Garry Welsh + spouse, Tom Sparkes

report by Col Buckley

photos Col Buckley and Doug Radford



Dave Menzies stood in line and before long his white electric Piper Cub soared into the air accompanied by another five aircraft, the most permitted number of planes in the sky at any one time. He was soon followed by Peter Coles with his Gee Bee, Grant Furzer with a Stuka, Ron Clark with his smaller Gee Bee, David Foster with

a Sopwith Camel and then Doug Radford and his clipped wing Piper Cub and Tom Sparkes with a Turner Special. Those that didn't fly acted as general purpose hands to those that did. Conditions were ideal and even though there were over 150 aircraft and some very keen pilots, our lads managed around four flights for the day



monster plane down there or just go as a spectator. It really is an eye opener and I found out that most of the

blokes down there had one a lot bigger than mine.

THE RUBBER PLAGIARIST

Add the sub-fin.

his display.

home with complete models.



ensure that they are square and also to square up the nose panel side panels. Fit the two top longerons at the

If you wish to add an undercarriage you will also need celluloid wheels, bend the undercarriage and cement into

Lightly sand the fuselage to remove any irregularities, then cover each side with one piece of tissue, with a third piece for the nose top. Lightly watershrink and ... when dry, apply a thin coat of dope. Sand the tailplane and fin thoroughly and cement to fuselage, checking that they are exactly horizontal and vertical respectively.

Drill for the motor peg (twirling the cocktail stick will probably do it) and cut the stick to length. Also drill just in front and behind the wing mount at a shallow angle and cut two pegs from the rest of the stick, cementing firmly as these take the wing retaining band(s). Laminate the noseblock from odd scraps of 1/16 in, making the rear lamination a good plug-in fit in the fuselage nose. Cement in a stub of 20 or 22g aluminium tube, or cement a cup washer on the front and rear to make a shaft bearing. Bend up a 22swg wire shaft to suit the propeller and

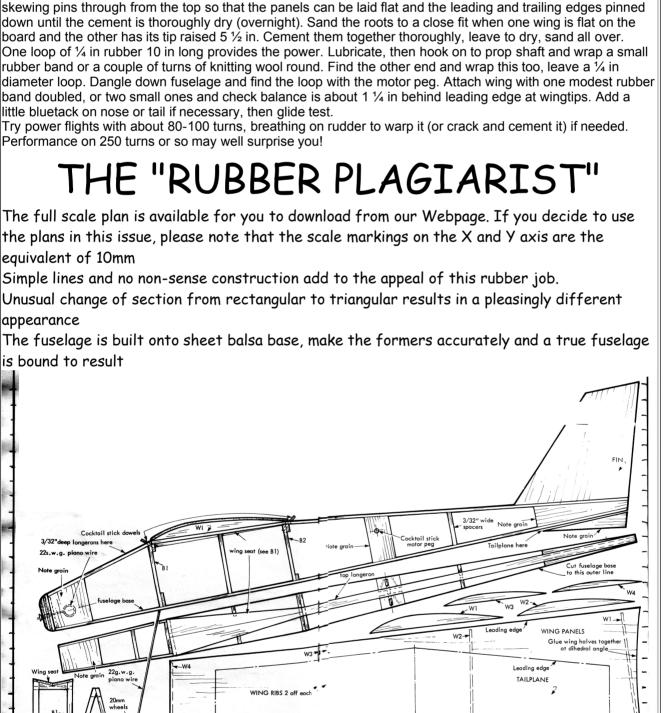
It is best to dampen the wing panels lightly and pin them down over the ribs, or, if this is too fiddly, over a couple of pencils laid end to end at about 1/3 chord position. Allow to dry, then cement the ribs in place,

nose, the wing mount (two pieces angled to the dihedral angle) and the rear top spine and tail panels. Complete by cutting spacers to length and inserting, including the rear rubber anchorage and the top nose

place, adding a patch of tissue (paper hanky type will do) with cement rubbed through, to reinforce

panel. The extra spacer between the longerons is only needed if the longerons are very soft.

cover the hook with rubber tube or the sleeving slip off a piece of electric flex.



## the dam, allowing hundreds of tons of silt to be dumped into Narrabeen Lagoon. Because the Society's plans for gentle contouring, grassing and revegetating of the valley was consistent with the interim development order covering the area, the Society was granted permissive occupancy in late 1977. The plan envisages a broad grassed surface for flying operations, shelters for modellers and spectators, and a lake for model boats. Barbecue and playground areas will enable enthusiastic spectators and their families to enjoy the The President of the Society, Mr Peter Bennett, of Beacon Hill, said the Society had arranged to

We were reminded by member Peter Clarke that in the mid 70's Bob Bellyea, the Managing Director of Lowes,

WERE YOU CONFUSED?

APEC is thankfully over and we no longer need to concern ourselves whether the flight exclusion zone included

used to spend his lunch hours poring over plans at the Lands Department until he found the site. Peter

our field or not. It was clear that in the legislation the word "aircraft" included our models regardless of size or means of propulsion and that unless we were given an exemption then no flight was to be permitted. Members of the Committee were concerned and were in communication with MASNSW and eventually in mid/late August our Secretary received confirmation (supported by a map) from Bob Carpenter (MASNSW V-P) that we were exempted and we were OK to fly at Belrose. This is the information and the map that went up on the Webpage (and subsequently was proven to be correct). Later (in early September), we all received the MAS Newsletter which showed a different map and a report from Bob Davison (CASA Liason MAS) which clearly showed that we should not have been flying at the field during the APEC period.

http://www.gizmondo.com.au/2007/09/video\_of\_worlds\_largest\_rc\_air.html The model hails from Belgium where they have either brave or foolhardy people who start engines with a finger spin of the propellers. Better him than me! LOST & FOUND An AC/DC charger has been found, if you have lost one recently, claim it from Mark Connor COLUMN 9.9 (incl. GST) The good thing about October is ... with daylight saving around the corner, the late Friday afternoon "Twilight Flyers" will soon be back in action. Preparation for the Christmas Party on 8th December are well on track, tickets for the party and raffle tickets are on sale, see Warren Lewis. At the September meeting it was decided that the Team Combat Trophy will be known as "THE BRADBURY

## Bottom Left: Shane Austin's model partly hidden by his legs, Shane competed for the very first time in "Expert" class having been recently promoted from "Advanced", and he came second!

Sportsman!!

Tough - This is what you usually have. Your flying buddles refer to it as lack of skill. Bad - see tough Good - What you need the most "MEAN AIR CHORD" - That nasty minor eight note caused when your wings snap and whack themselves together

HINT #6 - by Blackfingernail

When setting up a new plane, always check the ailerons/wing tips for incidence and if you have flaps that are a

'FAIL SAFE" - Option on a PCM radio that allows a pilot to choose whether to crash near him or a long

"LANDING GEAR" - A structure designed to separate the fuselage from the runway after landing. Does

Bad - The plane comes in contact with the ground and all pieces grow in number, but diminish in size. "LBS" - Abbreviation for pounds generally used to describe how much over weight your plane is.

demonstrate what I thought impossible for a high speed jet fighter. In the SU-30MK, Russian aviation has surpassed that of the US and its NATO allies. This truly impressive fighter can stall from high speed flight to stop in less than a second. It can fall back on its tail, without compressor stall, and go into a

minute. There is no aircraft in any country's inventory that could stand up to it in a dog fight."

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Sounds like a compliment from a most unlikely source if I ever heard one

flat spin and recover in less than a

8th December dinner served at 6pm, we are again catered for by McGoo's Spit Roast with lots of yummy food. Adults \$22; Children 5-12 \$10; under 5 - FREE Pre-purchase your tickets for your chance to fly a 707!! If you buy your tickets by the end of the Club Meeting on 9th October, you will go into the draw for a 2 hour session in a 707 Flight Simulator!! Raffle 1 - tickets are \$5 each, Prizes are: First: Seagull Models Super Star 120-160 size ARF kindly donated by Model **Engines (Aust)** Second: Cap 232; 46 size ARF kindly donated by Model Aero Products Third: OS-46 size two stroke engine kindly donated by Col Taylor Model **Supplies** Raffle 2 - tickets are \$5 each, Prize: 2 hour 707 Simulator experience at the Richmond RAAF Base kindly donated by **RAAF 33 Squadron** Contact Warren Lewis at the field most Saturdays or by phone 9972-7181(w) or 9417-0269(h) or Warren Lewis 61 Headland Road

+ spouse, David Pound, Des Rim + spouse, Barry Mason + spouse and Mike Close all making the nine hour plus journey down to the northeastern end of Victoria for this annual event. We arrived Friday afternoon at Valley Flyers field to be greeted by a very blustery wind. No one was game to throw an airplane into the air and after a general look it was back to the motel to put the finery on for our evening The Peppermill motel where they serve the best and biggest servings in Shepparton. Saturday dawned fine and clear with just the faintest of

each.

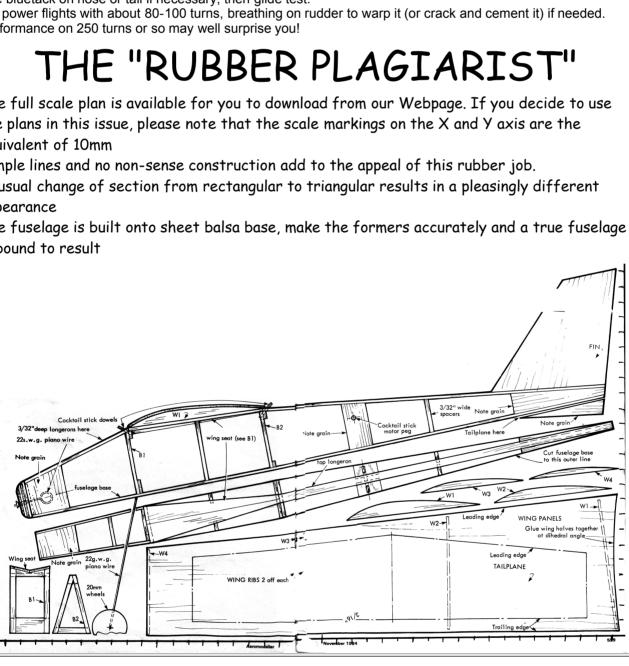




After conducting this event for over 20 years, Valley Flyers had radio procedures, frequencies, queuing and apportioned flying down to a fine art. Catering was on site as was Col Taylor Models with benches of "must have" stock. Ron Clark couldn't resist and invested in a back-up Texan. We all spent a minimum of \$50 on bits and pieces for our hobby and we could see dollar signs light up in Col Taylors eyes every time we rocked up to

The WRCS boys flew well and strong and all came





BIT OF WRCS HISTORY

submissions to the Valuer-General to revalue our lease, this article from the Manly Daily on Saturday, March 4,

Model Plane Project to Help Lagoon A land restoration project at Belrose by Warringah Radio Control Society will remove a significant

The Society, which has been operating radio controlled model aircraft alongside Mona Vale Road in Terrey Hills, [where the Par 3 course now operates] has been searching the Shire for several

It saw an opportunity in 1976, after a quarry and mine off Morgan Road, Belrose, was closed and

The mining operation had begun an erosion process which, if unchecked, threatened to fill or burst

In the day-to-day running of the Club we are reminded of WRCS' history, recently in order to make

1977 was found by our Secretary with the assistance of John Macritchie of Manly Council Library.

hazard to Narrabeen Lagoon.

years for a safe, permanent location.

applied to the Lands Department to use the area.

fund the major works from members' contributions.

Report" was circulated to all MAS members after it).

your missed it (and a great meeting)!!

CUP" to celebrate the "last man standing".

bridge from the carpark.

the operation of the radio control equipment.

need replacing. So don't let your balls go rusty guys!!

on the Webpage for all to enjoy.

View the video at:

accompanied Bob to check the site out, the rest as they say is history!

## If you, like your Editor, were confused at the time as to which was the relevant ruling then you don't have to feel alone any more. WHAT takes 3 minutes to view, shows fantastic in flight movies of Stan Begg's Kittyhawk, David Pound's Spitfire, Col

The movie incorporates true-life Merlin engine sounds and the sound of firing guns and cannons as in a dogfight (as the Spitfire did a victory roll, we had to assume it won). It also has lots of other features, including static pit area shots of John Channon's D-VII, Dennis Grech's Stuka and Simon Press' P-38 and views of our field. Thanks to Todd Porman for the filming and editing of this fantastic feature. If we can, we will try to put it

"B-29 Dina Migh

Andrew Moss brought our attention to a Website where you can view the world's largest radio control model fly. The model measures in with a wingspan of almost 30 feet, weighs 463 ounds and runs off 4 x 160cc engines.

Simpson's FW-190, Stuart Maxwell's ME109, Tom Sparkes' Fokker Dr.1 and Grant Furzer's TU-95 "Bear"?? It is the movie of the WRCS May 2006 Scale Day that was shown at the September meeting. If you weren't there

The confusion was explained by Garry Welsh, our MAS representative, who confirmed that the "Davison Report" was only a proposal but that the "Carpenter Report" was the final word (even though the "Davison

the idea of a balloon flight so checked where they were coming from and found the flights were £139.00 per person ....... Mike decided to watch from the ground. Minty also reports that he was in a pub the other evening looking for real ales (there's a surprise – one of the major reasons for his trip) when he spotted the guest ale - Arkells "Moonlight" which had a picture of a Lysander on the pump and the legend "he landed by moonlight". The barman didn't know why so Mike checked on the internet and found Peter Arkell OBE now aged 80 flew them during the war in both France and Burma. Apparently it was a nice beer too!

> ONGRATULATIONS to MICHAEL SABIRO on achieving his

> > **Gold Wings for Helis**

mobile phones IS NOT PERMITTED at the Belrose Flying field beyond the connecting

Members are required to turn off all mobile telephones before crossing the bridge.

There is at least one recorded event (at another Club) where a mobile phone has affected

**HINT #5** - by Blackfingernail

ANYONE FOR PATTERN?

In mid-August, Shane Austin and Ron Clark attended the Pattern Competition held at Queenbeyan Model Aero Club (QMAC), the conditions were very cold,

Bottom Right: This was Ron Clark's first competition in pattern and he got a great result, coming third in

overcast, windy and very difficult

When you are dismantling an engine check your bearings for rust if the balls in the bearings are bright and shiny there is no rust in the bearing if the balls are mat and not shiny the balls in the bearing have corroded and

MOP045: MOBILE PHONES!

Members are reminded of the MAAA Mobile Phones at Flying Fields Policy (MOP045) that has been the rule at our flying field since 2004 that the use of

It was also decided that from now on the Tim Cowan Memorial Trophy (the major trophy at October Scale Day)

Whilst in Bath (the city not the tub), Mike Minty noticed 8 hot-air balloons drifting over in a long line. He fancied

cannot be awarded to an ARF model, but ARF's are eligible for all other trophies.

CAN ANYBODY HELP? In the mid-90's there was a company called Crest Manufacturing Industries based at 5 Carrington Ave, Cromer, who made padded wing bags at a very modest and reasonable price. Does anyone know what happened to this company and if padded bags are still being made by anyone? Please inform your Editor so we can find out more details to inform the members. R/C DEFINITIONS

"GLITCH" - What you holler when you pull up elevator while flying inverted at 10 feet

Average - The plane comes in contact with the ground and most pieces still there.

"LANDING" - Atest of strength between your plane and the planet. Comes in multiple forms. Good - The plane comes in contact with the ground and all the pieces remaining together.

Plain luck - Very sparse on your side, but plenty with your buddies, but they refer to it as skill

"PROPELLER" - Handy tool for removing excess skin.

flying surface then check the incidence for them as well...

way away

not always succeed in doing so.

"LUCK" - Comes in multiple forms

Maybe now Harry will put in that garage I've asked for!!

THE SU-**30MK** In January 2007, after watching a movie of an SU-30MK doing all kinds of manoeuvres, M.Gen. Hank Stelling USAF (Ret) wrote: "This remarkable aircraft and its pilot