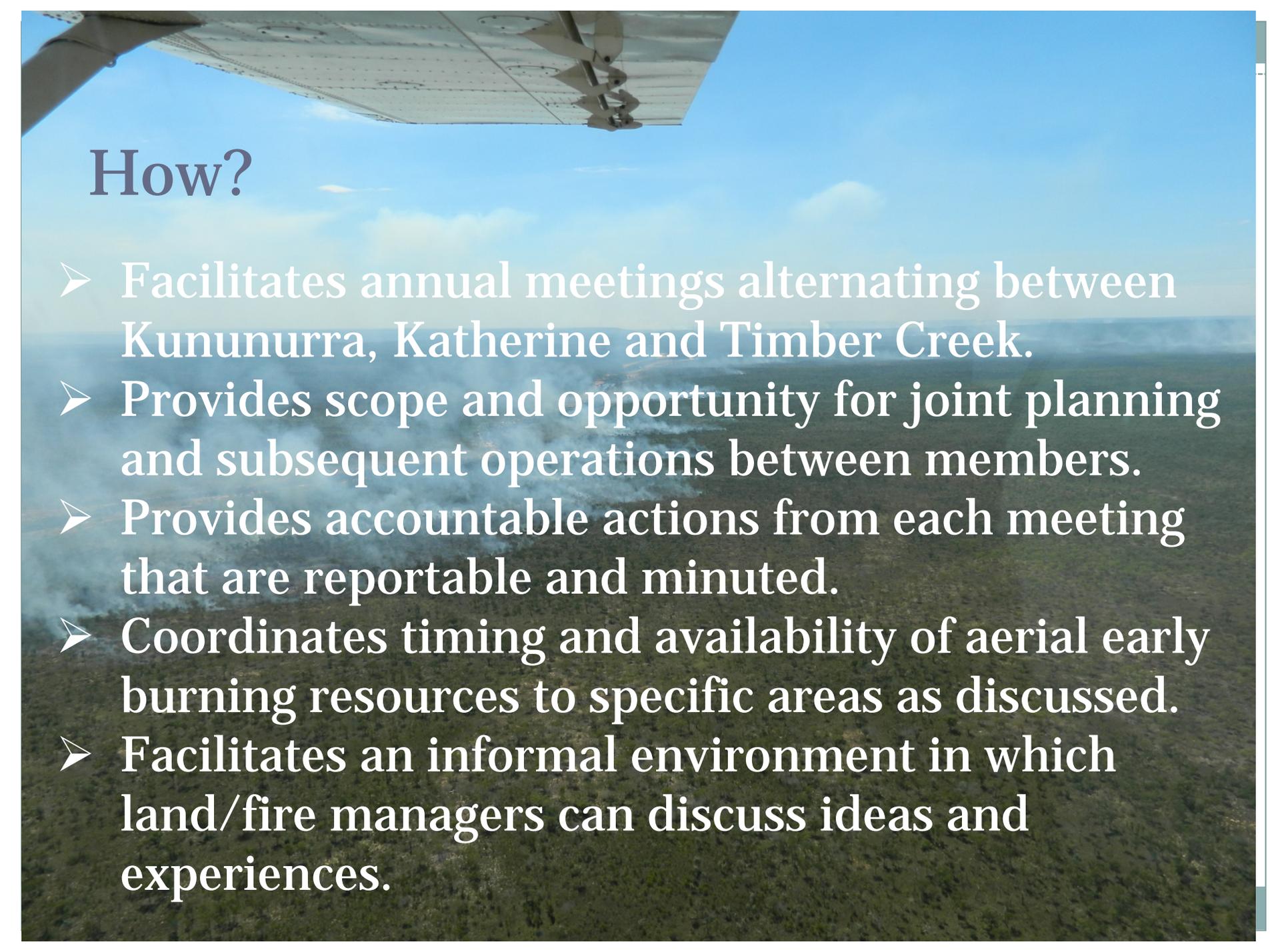


Cross Border Fire Advisory Committee



Formation

- The Cross Border Fire Advisory Committee (CBFAC) was formed in 2010.
- The CBFAC's formation was a response to the ever present threat of fire on and around the WA/NT border affecting both conservation and pastoralist interests alike. Current members/interested parties include WA and NT governments, Carlton Hill station, EK LCDC, VRDCA and the Shire of Wyndham East Kimberley.
- The CBFAC's aim: **To facilitate a collaborative and inclusive forum for the discussion of fire related issues affecting the broader border community whilst providing a layer of mutual accountability.**

An aerial photograph of a vast, green forest landscape. In the upper left corner, the underside of a white aircraft wing and its landing gear are visible, indicating the photo was taken from a plane. The sky is a clear, pale blue with a few wispy clouds. The forest below is dense and green, with some lighter patches that could be roads or cleared areas.

How?

- Facilitates annual meetings alternating between Kununurra, Katherine and Timber Creek.
- Provides scope and opportunity for joint planning and subsequent operations between members.
- Provides accountable actions from each meeting that are reportable and minuted.
- Coordinates timing and availability of aerial early burning resources to specific areas as discussed.
- Facilitates an informal environment in which land/fire managers can discuss ideas and experiences.

WHY?

- To create a more fire aware community – reducing the “blame game” on “who” and “where” the fire came from.
- To assist members with resources they may not normally have available to them.
- Encourage early burning practices and the wide ranging benefits of participation.



Results thus far

- Relationship building.
- Capacity building – training, joint ground operations.
- Increased communication “across the line”.
- More early fire, less late fire



The Future

- Continue to build on relationships forged through CBFAC.
- If you want a voice....come to a meeting!
- Increase applicable membership.

➤ Example: Funding provided to SA, NT and WA governments for Cross Border fire management further south!!



How to get involved??

If you are a station manager/owner on the NT side of the border call Dave Hooper at Bushfires NT on 0439 879 650.

For all other CBFAC inquiries please call me, Nathan Connor, on 0429 593 856

Thank you for your time.

WA Aircraft contracts and rates as of 2012

**Both aircraft retro fitted with R2 Raindance machines.*

**Eurocopter B2 Squirrel
Helicopters Australia – Perth \$1400/hr dry + \$2700 daily stand by**

General characteristics

- **Crew:** 1
- **Capacity:** 6 – 3 with R2
- **Length:** 10.93 m ^[34] (35 ft 10½ in)
- **Rotor diameter:** 10.69 m (35 ft 1 in)
- **Height:** 3.14 m (10 ft 3¾ in)
- **Disc area:** 89.75 m² (966.1 sqft)
- **Empty weight:** 1,174 kg (2,588 lb)
- **Max. takeoff weight:** 2,250 kg (4,960 lb)
- **Powerplant:** 1 × Turbomeca Arriel 2B turboshaft, 632 kW (847 shp)

Performance

- **Never exceed speed:** 287 km/h (155 knots, 178 mph)
- **Cruise speed:** 245 km/h (132 knots, 152 mph)
- **Range:** 662 km (357 nmi, 411 mi)
- **Endurance:** 4.1 hrs
- **Service ceiling:** 4,600 m (15,100 ft)
- **Rate of climb:** 8.5 m/s (1,675 ft/min)





- Gippsland Aeronautics GA8 Airvan
Bushflight Derby - \$630/hr dry

General characteristics

- Crew: 1
- Capacity: 7 passengers – 5 with R2
- Length: 8.95 m (29 ft 4 in)
- Wingspan: 12.28 m (40 ft 3 in)
- Height: 3.89 m (12 ft 9 in)
- Wing area: 19.32 m² (208.0 sq ft)
- Aspect ratio: 7.9:1
- Empty weight: 997 kg (2,198 lb)
- Max takeoff weight: 1,814 kg (3,999 lb)
- Fuel capacity: 340 L (74.8 Imp Gallons)
- Powerplant: 1 × [Textron Lycoming IO-540-K1A5](#) air-cooled [flat-six](#) 220 kW (300 hp)
- Propellers: 2-bladed Hartzell F8475R constant speed propeller

Performance

- Maximum speed: 241 km/h (150 mph; 130 kn) at 1,525 m (5,000 ft)
- Cruising speed: 222 km/h (138 mph; 120 kn) at 3,050 m (10,000 ft)
- Stall speed: 97 km/h (60 mph; 52 kn) (flaps down)
- Range: 1,352 km (840 mi; 730 nmi)
- Endurance: 6 hr
- Service ceiling: 6,100 m (20,013 ft)
- Rate of climb: 4.00 m/s (788 ft/min)

Bushflight Derby – \$400 (approx) per hr/dry

*****NOT YET OPERATIONAL

Specifications (Cessna 177RG)

General characteristics

- **Crew:** 1 pilot
- **Capacity:** 3 passengers (1 AIB only for fire operations)
- **Length:** 27 ft 8 in (8.44 m)
- **Wingspan:** 35 ft 6 in (10.82 m)
- **Height:** 8 ft 7 in (2.62 m)
- **Wing area:** 174 ft² (16.2 m²)
- **Empty weight:** 1,495 lb (680 kg)
- **Max. takeoff weight:** 2,500 lb (1,100 kg)
- **Powerplant:** 1 × [Lycoming O-360-A1F6D flat-4 engine](#), 180 hp (135 kW)

Performance

- **Maximum speed:** 136 knots (157 mph, 250 km/h)
- **Cruise speed:** 124 knots (143 mph, 230 km/h)
- **Range:** 604 nm (695 mi, 1,120 km) – **510nm safe**
- **Service ceiling:** 14,600 ft (4,450 m)
- **Rate of climb:** 840 ft/min (4.27m/s)

Fuel burn: 40lbs/hr = 340 minutes flight time (5.6hrs)

