



THE *SPORT FLYER*



April 2004

!!! NOTICE !!!
April Meeting will be April 15th
At West Houston Airport, 7:00pm

Want Back-Issues? See Chapter 774's Website at: www.eaa774.org

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Rick Human
15803 Knoll Lake
Houston, Tx. 77095



April Chapter Meeting

We will be having the April meeting at West Houston Airport (7 PM Thursday April 15th). The Speaker will be Bill Broussard on the Kingsbury, Texas WWI aviation museum. This is a "flying museum" featuring airplanes from the WWI era. It is planned to be the Rhinebeck of the South. Bill will have a photo presentation. If you have (or haven't) been to Rhinebeck, you will enjoy this program.

Southwest Regional Fly-In Update

Only one month and counting to SWRFI! If you are planning on renting a motel room in New Braunfels, you should do so soon. Some of them are requiring reservations as early as mid April.

Here's what's new for 2004:

1. ***A new more user-friendly arrival procedure that starts farther from the airport and has a holding pattern provision.***
2. ***A new layout that puts all exhibitors together near the terminal with the forums near this area. We also expect many more exhibitors — even though last year was our biggest ever.***
3. ***More forums closely grouped in tents or in the new school being built on the airport beside the exhibitors with signage to show times and places.***
4. ***More and better-planned aircraft parking. We had in excess of 700 planes last year (our largest ever) and hope for even more in 2004.***
5. ***We will have many more food vendors and will have a great banquet on Saturday night at the Civic Center. It is an air-conditioned facility in town with many amenities such as indoor restrooms and a hospitality area.***
6. ***Our goal is to serve EAA members and future members who are building or restoring planes. Please help by volunteering and giving us feedback. Our supporters and sponsors are airplane people***

If you are not a plan-at-the-last-minute type person, then you might want to get your hotel reservations in now if you plan on staying in New Braunfels. Here's a list of hotels that will also be providing shuttle service to the airshow:

Hotels

Bavarian Inn

201 loop 337 New Braunfels, Tx 78130 830-629-6888
\$55.00 plus tax; Reservations by April 15, 2004; 24 hour cancellation

Rodeway Inn

1209 I H 35 New Braunfels, Tx 78130 830-629-6991
\$49.99 per room; 24 hour cancellation; Reservations before April 15, 2004

Holiday Inn

1051 N I H 35 New Braunfels, Tx 78130 830-625-8017
\$79.00 per room; Reservations by April 13; Cancellations 24 hours

La Quinta

365 hwy 46 S New Braunfels, Tx 78130 830-627 -3333

\$99.00 per room; Reservations by April 30, 2004; Expanded continental breakfast included

Hotel Faust

240 S. Seguin New Braunfels, Tx 78130 830-625-7791

www.fausthotel.com

\$79 for double occupancy, additional persons additional charge

Reservations by April 30, 2003; 48 hour cancellation policy

Faust Hotel is adding an incentive: For all rooms booked for one night there is a 50% discount on the Friday evening Fly-In Bar B Q dinner at the Hotel. Two nights booked, the Bar B Q is complimentary. Regular price for Bar B Q is \$10 per person. Book early and specify with Reservation your attendance at the Bar B Q.

Budget Host Hill Country Motor Inn

Rates start at \$57.00 - \$65.00 per night and must be booked by April 15th Tel: 800-982-3609

Super 8 New Braunfels

510 S HWY 46 Tel: 830-629-1155 New Braunfels, Tx 78130

Bookings must be made by the end of April. Cancellations 4:00 PM day of arrival. Mention the EAA Fly-in for discounted Rates

May 13th: all standard rooms at \$49.00

May 14th: all standard rooms at \$89.00

May 15th: all standard rooms at \$89.00

May 16th: all standard rooms at \$49.00

Mention you are with EAA SW Regional Fly-In for the block rate Make your reservation directly with the hotel.

If you plan to rough it by camping, here's the on-field camping info:**Camping Information**

For additional camping Information email: campinginfo@swrfi.org

Three Camping Areas:

1. RV Camping (no services) - \$10.00 per night** (must be self-contained)
RV Camping (with power hookups) - \$15.00 per night
2. Tent-Auto-Small Trailer Camping - \$10.00 per night**
3. Aircraft Camping - \$10.00 per night**

**Note: Have access to porta-potties, hand washing sinks, showers

All areas close to the flightline and everything

Other commercial campgrounds available ---- call 800-572-2626

Arrivals can start arriving on Thursday, May 13th, and the Camp Grounds will be open. For more information, visit the SWRFI website at www.swrfi.org

Southwest Regional EAA Fly-in

New Braunfels, TX **May 13-15, 2004**

COMMUNICATIONS

ASOS frequency (119.325) for current weather.
Outlet Arrival Frequency (119.85)
Temporary Tower Frequency – 123.7 (New Braunfels Tower)
Ground Frequency – 120.6
Clearance Delivery Frequency – 134.75 (San Antonio Approach Control)
Pre-Departure Frequency – 118.1 (Flaggers at Departure end of Runway)
BAZ Unicom – 122.7

GENERAL INFORMATION

Outlet Mall

The initial entry point is over the **North side** of the Outlet Mall on Interstate 35 between New Braunfels and San Marcos (LAT/LON N29° 49.83 W97° 58.68). This arrival is to be used by all VFR aircraft* landing BAZ while the BAZ temporary tower is operational between May 13 and May 15, 2004.

BARBAR reporting point:

The intersection of SH123 and FM758 (Big blue Water Tank)
LAT/LON N29° 42.121 W97° 57.858

Rock Quarry

3.5 NM West of the Outlet Mall (LAT/LON N29° 48.77 W98° 02.39)

Pattern Altitude:

2,000' AGL (2,700' MSL) High Performance Aircraft*
1,500' AGL (2,200' MSL) until base leg– 135KTS
1,000' AGL (1,700' MSL) until base leg–90 KTS (or as close as you can)
500' AGL (1,200' MSL) until base leg– Ultralights including Gyrocopter
300' AGL (1,000' MSL) – Helicopters

ARRIVAL PROCEDURES

All aircraft except ultralights/gyrocopters and helicopters:

Aircraft from the North and East, pass North and West of the city of San Marcos. Remain West of Interstate 35 until the Outlet Mall.

Aircraft from the Southwest and Northwest, pass North of the City of New Braunfels, and West of the City of San Marcos proceed direct to the Outlet Mall.

Aircraft from the South and Southeast, pass West of the City of New Braunfels. Use caution for Randolph Air Force Base 12 miles Southwest of New Braunfels. Remain West of Interstate 35 until the Outlet Mall.

Contact Outlet Arrival on 119.85 at least 5 miles prior to reaching the Outlet Mall. Listen carefully to instructions. Make sure the instructions are for you.

VFR holding may be necessary due to congestion at New Braunfels. Arrival controllers will advise on 119.85 when holding is in progress.

If you have not yet reached the Outlet Mall, make left turns over a point on the ground until you are advised to proceed to the Outlet Mall.

If holding is necessary when you reach the Outlet Mall, look for traffic to follow and make left turns Northwest of the Outlet Mall. Arrival controllers will advise when to proceed beyond the Outlet Mall. Use caution for **numerous aircraft** in the vicinity of the Outlet Mall.

AIRCRAFT MAINTAINING 90 KNOTS (or maximum cruise speed if below 90 knots)

Enter the transition over the Outlet Mall. Pass on the North side of the Outlet Mall. Fly heading 145 until over SH123 (a blue water tower LAT/LON N29° 46.92/W97° 56.77 and an electric substation) proceed Southbound over SH123 until BARBAR intersection. Maintain 2,500 MSL until passing the Outlet Mall then descend to pattern altitude 1,700 MSL before reaching SH123.

AIRCRAFT MAINTAINING 135 KNOTS

Maintain 135 knots and 3,000 MSL do not descend until passing BARBAR, then descend to pattern altitude 2,200 MSL.

*Aircraft unable to slow to 135 knots use High Performance aircraft arrival.

Proceed single file toward BARBAR (BARBAR can be identified by road intersection with a big blue water tank North of the intersection).

If VFR holding is necessary between the Outlet Mall and BARBAR, the BARBAR special holding pattern will be used. A lead aircraft will be instructed to hold by continuing Southbound along SH123 to the town of Geronimo, pass West of the town. Do not over fly the school on the Southwest side of town. Turn left to the East until reaching FM20. Turn left proceed Northbound until the lake abeam BARBAR, turn left toward BARBAR. Continue in this holding pattern until advised by Outlet arrival. All aircraft will be instructed to follow the leader in **single file**. Traffic in the BARBAR special holding pattern and at the Outlet Mall will be monitored by the Outlet arrival controllers at BAZ. Remember; aircraft will be at 3,000 MSL; 2,500 MSL descending to 1,700 MSL. Use caution, do not descend on another aircraft.

Do not proceed past BARBAR toward BAZ without a clearance to do so.

Listen for control instructions as you approach BARBAR.

AFTER BARBAR:

AIRCRAFT MAINTAINING 90 KNOTS (or maximum cruise speed if below 90 knots)

RUNWAY 17: After BARBAR proceed inbound to BAZ, transition south of the road (FM 758) that leads from BARBAR to BAZ. At Airport Road (NWS radar dome) turn right and enter a left downwind for Runway 17. Turn base leg for Runway 17 north of the airport boundary (essentially the tree line) watch for the ultralight traffic on left base leg inside the tree line.

RUNWAY 35: After BARBAR proceed inbound to BAZ, transition north of the road that leads from BARBAR to BAZ. At Airport Road (NWS radar dome) turn left and enter a right downwind for Runway 35.

AIRCRAFT MAINTAINING 135 KNOTS

RUNWAY 17: After BARBAR proceed inbound to BAZ, descend to pattern altitude 2,200 MSL, remain over the road (FM 758) that leads from BARBAR to BAZ. Expect to pass over the airport and enter a right downwind to Runway 17. Maintain 2,200 MSL until you have crossed the runway or instructed to descend by the tower.

RUNWAY 35: After BARBAR proceed inbound to BAZ, descend to pattern altitude 2,200 MSL, remain over the road (FM758) that leads from BARBAR to BAZ. Expect to pass over the airport and enter a left downwind to Runway 35. Maintain 2,200 MSL until you have crossed the runway or instructed to descend by the tower.

Controllers will advise runway in use and when to contact BAZ tower. Expect this transfer at BARBAR. If you do not receive instructions to switch to BAZ tower, make sure you are on tower frequency (123.7) prior to turning downwind.

High Performance Aircraft: If you are unable to slow to 135 Knots follow the following procedures into BAZ.

Contact Outlet Arrival on 119.85 when within 25 miles from BAZ. Different pattern entry instructions may be given on initial contact. If specific pattern entry instructions are not given then comply with the following:

Proceed to the Rock Quarry 3.5 NM West of the Outlet Mall. Cross the Rock Quarry at 3,500' MSL. Proceed straight to Runway 17. After passing Interstate 35 descend to 2,700' MSL. Remain at 2,700' MSL until advised by BAZ tower. Expect to enter an over head pattern for Runway 17 with a right break. If landing Runway 35, expect to proceed to a left downwind from the Quarry at 2,700' MSL. You may also be asked to hold over BAZ airport until traffic allows your descent into the pattern. If holding over BAZ is necessary then fly over the airport at 2,700' MSL with a ground track the same as the traffic pattern for the Runway in use.

WHERE TO LAND

You may be instructed to land short or long. If advised to land short, land so as to exit Runway 17 at the mid field taxiway. DO NOT OVERSHOOT THE TAXIWAY. If instructed to land long, fly down the runway and land past the mid field taxiway. Please expedite clear of the runway. After exiting the runway do not stop, keep moving to allow other aircraft behind you to exit the runway. Contact Ground (EAA) on 120.6 and follow the instruction to parking.

Tower will, in general, monitor pattern traffic and make only directive or advisory calls as required to ensure a safe traffic flow. Required runway spacing will range from 1,500ft. to 3,000ft for most aircraft. No flybys on initial approach and landing. BE SAFE and COURTEOUS. **Follow the aircraft ahead.**

Ultralight Pattern including Gyrocopters

From Southeast of BAZ fly the Runway 31 final to FM 758 then enter left downwind to the grassy landing surface parallel to Runway 17. Turn base leg South of the airport boundary (Tree line) when Runway 17 is in use. Always remain East of Runway 17/35. When Runway 35 is in use enter a right downwind.

Helicopters

Enter the pattern from the southeast at pattern altitude. Remain South of the final for RWY 31. Use caution for ultralight traffic landing in the grass area east of the intersection of Runways 17 and 31. Landing will be on the South Ramp area.

No Radio Aircraft

Follow the arrival procedures for your speed of aircraft, find an aircraft to follow, rocking wings after turning downwind and again on the final to advertise no radio condition. Continue following the aircraft unless red light is observed, at which time a go around should be initiated. Enter a right downwind when Runway 17 is in use or left downwind when Runway 35 is in use. and follow someone on final. Watch for traffic on the opposite base, don't cut someone off.

Tower will, in general, monitor pattern traffic and make only directive or advisory calls as required to ensure safe traffic flow. Required runway spacing will range from 1,500ft. to 3,000ft for most aircraft. No flybys on initial approach and landing. BE SAFE and COURTEOUS. **Follow the aircraft ahead.**

IFR - When the Tower is open, only your IFR flight plan is closed upon landing.

VFR flight plan - **You** are responsible for closing your VFR flight plan.

DEPARTURE PROCEDURES

Expect extensive departure delays Friday afternoon and Saturday morning during the arrival phase. All aircraft call pre-departure on 118.1. Advise if you are **not** departing VFR.

Runway 17: All aircraft remain at or below 2,200' MSL until 3 miles from BAZ.

Requested on course heading between 150-300: proceed on course when advised by the tower.

Requested on course heading between 350-149: turn left heading 150 pass at least 1 mile South of Geronimo and then you may turn to the East. Continue East bound until you have climbed above 3,500' MSL or until you have passed FM20, then proceed on course.

Requested on course heading between 301-349: turn right heading 300 until West of Interstate 35 and have climbed above 4,000' MSL, then proceed on course. If you are not climbing to an altitude above 4,000' MSL remain clear of the arrival area between New Braunfels and San Marcos. Use caution, see and avoid arrival traffic West of Interstate 35.

No Radio Aircraft

Indicate to flagger standing in the run up area your requested direction of departure, then look for an indication from the flagger or green light from the Tower that you are cleared for takeoff. Follow departure routes above, or as assigned during your departure briefing.

Runway 35:

Requested on course heading between 020-149: turn right heading 020 until 2 miles from BAZ. Climb to 2,500' MSL. Turn right heading 090. Remain on heading 090 and at 2,500' MSL until you pass SH123. Use caution for the arrivals at 1,700' MSL and 3,000' MSL over SH123. If you are heading 020-090 after passing SH123 you may proceed on course. Heading 091-149 remain on heading 090 climbing at your discretion, you may turn on course when you are 4 miles East of SH123.

Requested on course heading between 150-210: turn left heading 210 until you cross SH46 (Clear Springs). Climb to 1,700' MSL. Proceed on course and climb at your discretion remaining South of Hwy 46 until 3 miles from BAZ.

Requested on course heading between 211-310: turn left on course. Remain at or below 1,700' MSL until 3 miles from BAZ. Use caution, see and avoid arrival traffic West of Interstate 35.

Requested on course heading between 311-019: turn left heading 310 until 1 mile West of Interstate 35. Climb to 1,700' MSL until West of Interstate 35. You may proceed on course when you are 1 mile West of Interstate 35. Use caution, see and avoid arrival traffic West of Interstate 35 inbound to the Outlet Mall.

No Radio Aircraft

Indicate to flagger standing in the run up area your requested direction of departure, then look for an indication from the flagger or green light from the Tower that you are cleared for takeoff. Follow departure routes above, or as assigned during your departure briefing.

IFR- Contact San Antonio Clearance Delivery on 134.75 for clearance. When the Tower is open, the Tower will obtain IFR Release.

GO-AROUND

If issued a go-around, you may be instructed to depart the area and return to the Outlet Mall and start the arrival procedures over. The tower will attempt to have you enter a downwind for the pattern. Follow ATC instructions.

