

Race Crew POH

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INTRODUCTION

Welcome to the Hayward – Bakersfield – Laughlin Proficiency Air Race. This event will test your piloting skills and knowledge of your aircraft, and also demonstrate the safety and efficiency of General Aviation. By this time, your aircraft should be parked in the impound area, fueling completed, prohibited cockpit equipment disabled, and your race number affixed to the airplane. You should already be checked in at the registration table and have all your paperwork completed with the check-in volunteers.

There are two formal mandatory course briefings on Thursday, May 19: the first is at 2:00 P.M., and the second is at 6:30 P.M. You must attend one of these briefings, although you can attend both if you wish. We recommend "first-time racers" sit towards the front of the briefing area so the briefer can more easily answer all your questions.

For those staying overnight at the Hayward Airport La Quinta Inn, courtesy transportation is available – please ask any race official or volunteer for directions. Please take everything from the airplane you might need overnight, as you will not be allowed to return to the airplane after impound until Friday morning.

In addition to your flight planning gear, you should bring the following charts to the briefing:

San Francisco Sectional – 74 th edition dated 03/17/2005
San Francisco Terminal Area – 66 th edition dated 03/17/2005
Los Angeles Sectional – 76 th edition dated 12/23/2004
Phoenix Sectional – 73 rd edition dated 05/12/2005

Equivalent coverage World Aeronautical Charts may be used if desired.

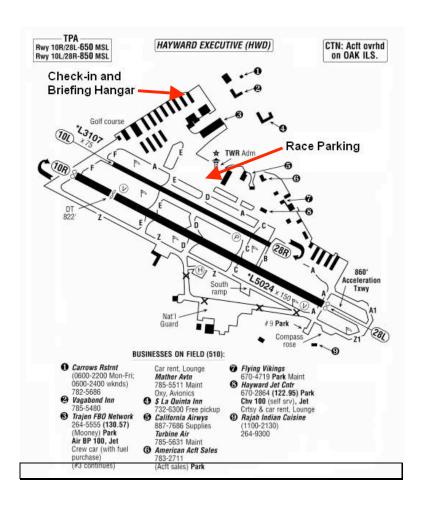
HWD ACTIVITY SCHEDULE

All times are local. Thursday, May 19				
	0900-	1800 Impound and check-in		
	1400			
	-or-	MANDATORY RACE COURSE BRIEFINGS		
	1830			
Hangar	The race course briefing is held in the Airport Maintenance Hangar, in the same building and adjacent to the registration check-in desk.			
Friday, May 20				
	0700	Coffee and donuts in the briefing hangar.		
	0730	Live FSS weather briefing.		
	0800	Race crew photos – at planeside.		
	0900	First aircraft departs – weather permitting.		

With the exception of crew photos, you must be at your aircraft 15 minutes before the first launch (0845) with your preflight estimates completed on the official race forms. A race official will pick up your estimates at that time. You will be signaled to start your engine(s) shortly thereafter, the exact launch sequence and approximate times are discussed in Thursday's briefing.

Be ready to go on time or you will be penalized and started last. There is no penalty for engine starting difficulties or other maintenance-related problems, but you will be started after all the others.

HWD AIRPORT DIAGRAM



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COMMITTEE MEMBERS and VOLUNTEERS

In order that you may easily recognize Committee Members and Race Officials, they will be wearing red streamers with their name tag.

2005 Hayward Air Race Committee

Chairman: Dennis Strout Bob Hecocks/Tom Neale Treasurer: Jenny Donnelley Secretary: Registrar: Vacant **Publicity:** Eric Helms **Sponsorships:** Gary Waldeck Webmaster: Tom Neale **Statisticians:** Steve and Lynne Allen Course Design: Steve Allen **Hayward Ramp Operations:** Jenny Donnelly **Bakersfield Ramp Operations:** Naomi Witmer **Special Projects:** Chris Verbil **Checkpoint Mike Timers:** Del Hocker **Checkpoint Bette Timers:** Don Nisley Jeanie Moore

Skip Stroobant Nan Tabualevu

Laughlin Hotel Operations

Nan Tabualevu

Diane Savage

Diane Savage Annette Granger

Volunteers

Hayward Ramp: Kim Purcell

"Frenchy" Laplante
Noel Barker
Ed Nelson
Herb Schneider

Herb Schneider Bill Hayford

Registration and Check-in:Ann Pescatello

Mary Mastroieni Eric Helms

Photographer:

Hayward Arrival Barbecue: Valerie Farnsworth **Hayward Departure Timers:** Judy Barker

Jenny Solorio Billie Sposeto Del Hocker

Checkpoint Mike Arrival Timers: Del Hocker
TBD

Bakersfield Taxiway Flag Men:

Bill Clauser
Don McGowan

Bakersfield Parking Directors:Norm Howard
Bruce Murray

Bakersfield Ramp Fuel Officials:

Bonnie Bloeser

Kathy Derck Leonard Powell Donna Webster

Bakersfield Ramp Drivers: Al Green

Sally Howard Margie Murray Joan Paynter

Bakersfield Poker Dealer: Joan Paynter
Bakersfield Lunch Staff: Jackie Clauser
Barbara Green

Marianne Laxague Betty McGowan

Bakersfield Photographer: (Doc) Norman Salisbury **Bakersfield Departure Timers:** John Collum

Naomi Witmer

Checkpoint Bette Arrival Timers: Don and Jeanie Nisley
Skip Stroobant

Gus Telles

Hayward Airport Manager: Brent Shiner

Laughlin Ramp:

Hayward Airport shuttle van provided courtesy of



Director of Kern County Airports: Ray Bishop

Bakersfield hangar facilities provided courtesy of Mel and Suzanne McGowan.

CONTACT INFORMATION

Hayward Impound:	.Until 1830 only: (510) 461-6453
	After hours: (510) 385-1104
Dennis Strout:	(408) 646-1981
Chris Verbil:	(408) 757-3426
Oakland FSS:	122.5, (800) WX-BRIEF
	or (510) 273-6111
Rancho Murieta FSS:	122.65 (N); 122.45 (S)
Bakersfield Tower:	(661) 861-4325
Bakersfield Ramp:	(661) 717-5185
Riverside FSS:	122.2 (W); 122.3 (E)
Bullhead Tower:	(928) 754-2449
Prescott FSS:	122.55 or 122.2
Los Angeles Center:	Remote via 118.25
	when Bullhead Tower is closed.
Bullhead Ramp Crew:	(505) 544-5140
Bullhead FBO:	(928) 754-3922
Ramada Express Hotel:	(800) 243-6846
	or (702) 298-4200

BFL Mercury Air Center (Chevron, 661-391-4900, ARINC 131.6): Accepts Visa, Mastercard, American Express, Chevron cards, or cash. No personal checks.

BFL Loyd's Aviation (Avfuel, 661-393-1334, Unicom 122.5): Accepts Visa, Mastercard, American Express, Avcard, Discover cards. No cash or personal checks.

IFP SunWestern Flyers (Chevron, 928-754-3922, Unicom 122.85): Accepts Visa, Mastercard, American Express, Discover, Chevron, Avcard, Multiservice cards. No cash or personal checks.



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RADIO PROCEDURES

During your flight while not monitoring ATC where required, please use the in-flight air-to-air frequency of **122.75**.

Use this frequency to let other racers know your intentions, particularly in the vicinity of any checkpoint.

AIR-TO-AIR FREQUENCY ** 122.75 **

As detailed in the AIM, keep in mind that the use of air-to-air frequencies are for all authorized users. Other pilots, who are not in the race, will be using the frequency on a shared basis much like Unicom.

Let other racers know where you are and what you intend to do – position, altitude, and direction of turns are especially important.

Example "Race Thirteen is approaching Tracy at 3,500."

All turns around checkpoints should be made to the LEFT. Be sure to announce on the air-to-air frequency that you are circling the checkpoint.

Example "Race Thirteen is over Hooterville checkpoint at 7,500, making left turns."

While communicating with Hayward Tower, Bakersfield Tower, or Bullhead City Tower, USE YOUR RACE NUMBER. This will alert controllers for special handling.

Example "Bullhead Tower, Race Thirteen inbound for landing from checkpoint Bette."

If you call FSS, Flight Watch, or any other agency while enroute use your "N" number. Only ATC facilities directly involved with the Air Race will know anything about your race number.

FLIGHT PLAN PROCEDURES

A standard VFR Flight Plan will be filed based on the information provided by you on your entry application. This Flight Plan has absolutely nothing to do with the race scoring. It is simply a VFR Flight Plan that the committee files and opens on your behalf.

The race committee will file and activate this Flight Plan for you upon departure from Hayward. Your ETE is calculated by using your pre-flight estimate from your race application, and adding a two-hour "pad". You will receive a copy of the group flight plan before departure – it is your responsibility to update FSS if you need more time than filed.

If you arrive at Bullhead City prior to 6:00 PM local time (0100Z), the Bullhead Tower staff will close your Flight Plan for you.

If your flight lasts longer than planned total enroute time, you must amend your plan through standard FSS procedures. Use your "N" number to discuss your flight plan with Flight Service.

If you arrive at Bullhead City after the tower closes, you must close your Flight Plan manually. If you cannot contact FSS through normal methods, Bullhead Ground frequency 118.25 is remote to Los Angeles Center after the tower closes. You could request Center to notify FSS for you.

FLIGHT PLAN TIME CALCULATOR

Hayward Takeoff Time		Z
+ ETE from Group Flight Plan	+	
= Your Flight Plan ETA	=	Z

Hayward is PDT (UTC-7) Bullhead City is MST (also UTC-7)

RACE SCORING

HAYWARD - BAKERSFIELD TIME ESTIMATE

This is your estimate of elapsed time from the start of the takeoff roll at Hayward, to overhead the "Mike" timing line near Bakersfield. This estimate will include your time necessary to fly to all the required checkpoints prior to crossing the timing line.

BAKERSFIELD - BULLHEAD CITY TIME ESTIMATE

This is your estimate of elapsed time from passing the timer's table on the takeoff roll at Bakersfield, to overhead the "Bette" timing line near Bullhead City. This estimate will include your time necessary to fly to all the required checkpoints prior to crossing the timing line.

HAYWARD - BAKERSFIELD FUEL ESTIMATE

This is your estimate of fuel that you will use on the first leg of the race. It should include the fuel you burn for engine start, taxi, runup, take-off and climb, all the enroute portion, flight from "Mike" timing line to the Bakersfield airport, VFR pattern, landing, taxi, and engine shut down at the race ramp. Runway 30L is the usual runway in use for the race at BFL.

BAKERSFIELD - BULLHEAD CITY FUEL ESTIMATE

This is your estimate of fuel that you will use on the second leg of the race. It should include the fuel you burn for engine start, taxi, runup, take-off and climb, all the enroute portion, flight from "Bette" timing line to the Bullhead City airport, VFR pattern, landing, taxi, and engine shut down at the race ramp. Runway 16 is the usual runway in use for the race at IFP.

ADJUSTMENTS

Adjustments to fuel estimates may be made if you are vectored or forced to deviate from your planned route by ATC, for safety reasons, or are forced to do a go-around at the arrival airport. Race officials refer to these optional fuel adjustments as a "fuel vector".

If you require a fuel vector adjustment, you must notify a ramp race official <u>before</u> you start to refuel, or the fuel vector will be disallowed.

All aircraft start with a score of zero (0) points.

Time penalty points will accrue at the rate of one (1) point for each second your actual flight leg time differs from your pre-flight estimate time.

Fuel penalty points accrue at the rate of three (3) points for each one tenth of one percent (0.1%) difference in actual fuel burn, as compared to your pre-flight leg fuel estimate.

Additional penalty points are assigned for the following infractions:

Not ready for Hayward engine start at assigned time	100 points
Misidentification of a mandatory checkpoint	250 points
Orbiting within sight of "Mike" or "Bette" timing lines	
for any reason	300 points

Disqualification may occur for any of the following reasons:

Failure to cross any timing point.
Refueling without a race official present.
Refueling without the truck fuel meter covered.

In addition, an aircraft may be disqualified or penalty points may be assigned at the discretion of the Race Committee for infractions such as violation of Class "B" or "C" airspace, Restricted Areas, hazardous flight practices, or other known violations of FARs.

Twenty (20) penalty points will be removed from your score for correctly answering a bonus checkpoint question. *These bonus checkpoints are not mandatory* – you may choose to fly to them or not – but they are generally designed into the course to direct you around a problem of some sort. There is no additional penalty assigned if you miss a bonus checkpoint, you can only gain bonus points to reduce your score.

All the penalty points for fuel, time, checkpoints, and any other infractions are totaled for each leg, then added together for a cumulative score. The lowest total score determines the race winner and order of finish

Please consult the official race rules, mailed to you with your race entry confirmation letter, for more information on how the race is scored.

ABOUT THE RACE SCORING FORM

Included in your race kit is a three-part scoring form, titled "Fuel and Time Estimate Log". This form is printed in triplicate. Please note, starting at the bottom of the form:

- 1. TIME AND FUEL ESTIMATES complete this section with your estimates on Friday morning. It will be picked up just prior to your departure. The race official will take the bottom segment of the top white copy only.
- **2. BAKERSFIELD FUEL** Bakersfield ramp officials will enter the amount of fuel as shown by the truck meter, any fuel vector adjustments declared, and a fuel truck calibration factor

Every fuel truck used at Bakersfield is calibrated to ensure the quantity dispensed is reliable and consistent across all trucks. The calibration factor is a numerical value obtained after a meter-measured amount of fuel is dispensed into a container of very precise, known volume. The fuel truck meter amount is multiplied by the calibration factor, which results in a fuel total for scoring.

After you sign this section, the race official will take just the Bakersfield segment of the top white copy only.

- **3. BULLHEAD-LAUGHLIN FUEL** Bullhead City ramp officials will enter the amount of fuel as shown by the truck meter, fuel vector adjustments, and any fuel truck calibration factor. The same fuel truck calibration procedure is used at both Bakersfield and Bullhead City.
- **4. CHECKPOINTS** During the race, you will be flying over the mandatory and bonus checkpoints listed in this Race Course POH. At each checkpoint, you will select the correct

answer for a question about that checkpoint. After you complete the checkpoint questions and sign this section, the official will check to see that any instruments disabled at Hayward impound are still in that condition.

After all required entries and signatures are complete, the ramp official will then remove the remaining portions of the white and yellow copies.

You will have the complete last pink page of the scoring form for your records. **Please bring your copy to the hotel**, as it contains all the information pertinent to your score. In the event of incomplete records on the course, the race scorers may ask you for your copy after the race is completed.



GENERAL CHECKPOINT INFORMATION

All checkpoints have been visually previewed and photographed from the air at an altitude of at least 1,500 feet AGL.

Your race kit contains a multi-part "Fuel and Time Estimate Log" that requires an answer for a question about each checkpoint. You should select what you believe is the correct response for each checkpoint question.

If you feel that none of the answers are correct, take written notes of what you do see from the air. If the race scorers can determine from your answer that you were over the checkpoint, credit will be awarded. Sometimes checkpoints do change from the time the course is designed until the day the race is flown; if a majority of racers miss or challenge a checkpoint question it will be considered for removal from the scoring process.

CAUTION

Due to different cruise speeds of race aircraft, ground tracks inbound to the checkpoint, and altitudes flown – traffic can be hazardous over the checkpoints as aircraft converge. Monitor the air-to-air race frequency of 122.75 particularly in the vicinity of checkpoints. Broadcast your position and altitude when approaching, over, and departing a checkpoint.

If for any reason you must leave the race due to mechanical difficulties or other problems, close or modify your flight plan with the nearest FSS. Try to notify another race aircraft of your intentions so that information can be relayed to the Race Committee. Racers receiving information about an airplane dropping out of the race should report it to the officials at the next timing point, and to the ramp officials at the next airport of landing.

Checkpoint diagrams and information are placed in this POH in the correct flight order.

Latitude and longitude coordinates are provided to assist you in locating each checkpoint on your aeronautical charts. The coordinates provided are approximate and should not be relied on for navigation.

Descriptions of certain area features are included where it may be beneficial for safety or to avoid possible confusion about checkpoint identity.

All features indicated on the checkpoint description are clearly visible from 1,500 feet AGL and above.

Within the limitations of the FARs and procedures specified in the AIM, pilots may cross the mandatory visual checkpoints at an altitude and heading of their choosing, but any suggested overflight altitudes and magnetic headings are stated for safety reasons. For the airborne timing checkpoints "Mike" and "Bette", a mandatory altitude is specified so timing officials on the ground can easily identify your race aircraft.

Diagrams in this POH are NOT TO SCALE.

Safety in the air is up to you – the pilot. If any checkpoint becomes, in your opinion, unsafe due to weather or other factors which may obscure terrain or an area where a checkpoint may be located, use your discretion. If you decide to bypass a checkpoint, note your reasons and submit it with your race scoring sheet. The race scorers will decide the validity of your action by comparing it to the procedures used by other aircraft in the same vicinity at the same time.

USE EXTREME CAUTION IN THE VICINITY OF CHECKPOINTS. ANNOUNCE YOUR POSITION, ALTITUDE, AND INTENTIONS ON THE AIR-TO-AIR RACE FREQUENCY OF 122.75.

HWD DEPARTURE PROCEDURES

Check boxes P are provided for your planning use if desired.

Crews should be at their airplanes by 0830 Friday morning. A race official will pick up your time and fuel estimates by 0845.

Race Score Sheet ("Fuel and Time Estimate Log")

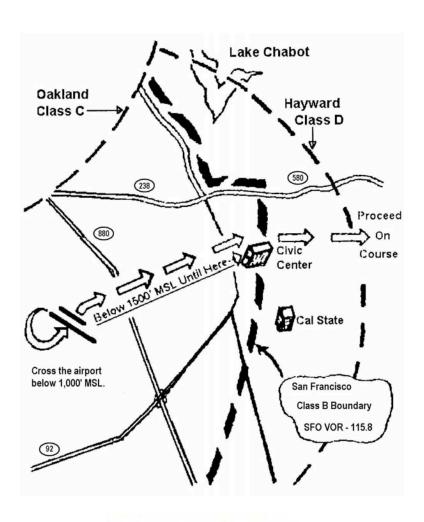
Prior to engine start:

	inside cockpit.		
	Review the departure diagram on page 20.		
	Monitor and copy ATIS – 126.7.		
	Place this green start card in windscreen or out window so the ramp official can clear you for engine start.		
	A race official will indicate when you should start the engine(s). You will also be given a signal to taxi to run-up. When directed to taxi:		
	Contact Hayward Ground – 121.4. Advise you are proceeding with the ATIS. Example "Hayward Ground, Race Thirteen is taxiing with information Alpha."		
When you get to the run-up area, you will have plenty of time for a proper check – but be prepared to move along as we attempt to launch aircraft at one-minute intervals.			
When you are "number one holding short", a race timing official will signal you to taxi into takeoff "position and hold".			
	Switch to and monitor Hayward Tower – 120.2. No call is necessary, simply monitor the tower frequency.		

Continue to next page.

	Transponder on to 1200.		
	The race official will raise his flag ten (10) seconds before the start of your takeoff run, and raise his other hand and count down the final five seconds with his fingers. At the drop of the flag the clock is running for your flight, and you should start your takeoff roll.		
	Continue to monitor the tower frequency 120.2 after takeoff.		
	Takeoff time recorded in Flight Plan Calculator on page Error! Bookmark not defined. .		
	Standard departure for 28L is a left 270 overhead departure. No right turnouts from 28L due to noise abatement requirements.		
	Cross over the airport below 1,000' MSL.		
	Proceed direct to the Hayward Civic Center below 1,500' MSL.		
	d Class C airspace is 1,500' MSL and above – do not ithout ATC communications.		
	Monitor Hayward Tower 120.2 until abeam Lake Chabot or Cal State Hayward.		
	Proceed on course to your first checkpoint. Altitude and heading are at your discretion.		
	note the Livermore Class "D" area – 2,900 feet MSL and and Restricted Areas R-2531 – 4,000 feet MSL and		
NorCal	Departure - 135.4		
Liverm	ore ATIS - 119.65 Livermore Tower - 118.1		

HWD DEPARTURE DIAGRAM





1 (888) SAFE-FLT

HWD - BFL CHECKPOINTS

☐ Checkpoint 1		Gustine
Elevation 75'		(301)
Pattern Altitude 875'	Lat	37° 15.76'
Overfly Above 2000'	Long	120° 57.80'

The markings on the runway at midfield are:

- A. GUSTINE elev 75.
- B. GUSTINE ctaf 122.9.
- C. a dashed stripe.

☐ Checkpoint 2		Chowchilla
Elevation 242'		(206)
Pattern Altitude 1242'	Lat	37° 06.75'
Overfly Above 2300'	Long	120° 14.81'

Locate the race track on the west side of the airport; across the street from the end of the race track is a:

- D. building under construction.
- E. car dealership with lots of cars visible in the lot.
- F. big McDonalds.

Continue to next page.

□ Bonus Checkpoint 1		Oil Camp
Elevation 300'	Lat	36° 40.88'
Overfly Above 2300'	Long	120° 30.69'

At Oil Camp I saw

- T. a tall cement wall perimeter with guard towers at each corner, looks more like a prison.
- U. many counter-weighted oil pumps hard at work.
- V. a square compound with a perimeter marked mostly by trees.

☐ Checkpoint 3		Woodlake (O42)
Elevation 425'		
Pattern Altitude 1225'	Lat	36° 23.93'
Overfly Above 2500'	Long	119° 06.44'

A river parallels the runway

- A. North of the airport.
- B. South of the airport.
- C. ?? What river, I didn't see a river??!!

Proceed to Delano (DLO) airport for start of timing line "Mike" approach, and copy Bakersfield ATIS as soon as possible.

MIKE Frequency 126.4 Lat 35° 36.12' Long 119° 12.67'

The timing line is the Hwy-99 overpass at Famoso. Cross the east-west road at a point between the timers and the freeway.

Required altitude over the timing line is 1500 feet MSL. The timing line is approximately 13 nautical miles from Bakersfield Meadows Airport.

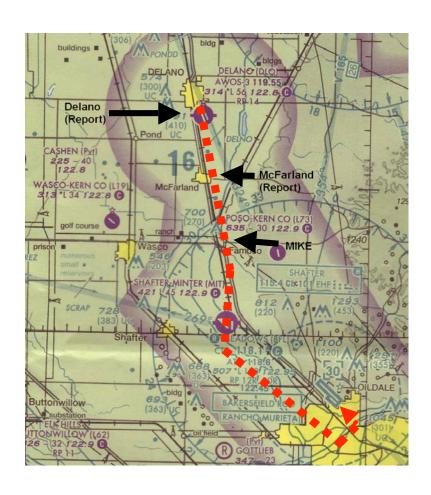


BFL AREA TIMING (MIKE) APPROACH

From Woodlake, fly to Delano (DLO) then follow Hwy-99 south. Refer to the diagram on the next page.		
	Ten (10) miles north of Mike (near DLO), call the timers on 126.4. Example "Checkpoint Mike, Race Thirteen over Delano, inbound for timing."	
	Transponder on to 0202 so Bakersfield Approach will recognize you as a race aircraft.	
You do their se	o not need to contact Approach unless you are requesting ervices.	
	Five (5) miles north of Mike (over the town of McFarland): Landing lights on, and report to timers Example "Checkpoint Mike, Race Thirteen is five miles, lights on."	
	Traffic permitting, maintain 1500' MSL to Mike.	
	Remain over Hwy-99 or slightly to the west as you fly from Delano to Mike.	
	One (1) mile north of Mike: Report to timers. Example "Checkpoint Mike, Race Thirteen at one mile final for timing."	
of the l	OT FLY OVER THE TIMERS! They are located west nighway at the Famoso overpass on Hwy-99. Please cross ing line at 1500' MSL.	

When you cross the timing line, the timing officials should confirm on 126.4 that they have recorded your time. They will not report your actual clock time; only an acknowledgement that your time has been recorded is made.

MIKE APPROACH CHART



BFL AIRPORT ARRIVAL

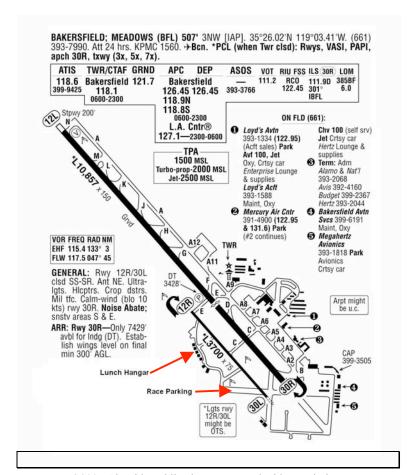
	Copy Bakersfield ATIS – 118.6 – as soon as practical as requested by BFL ATCT/TRACON.
	Departing Mike, contact Bakersfield Tower – 118.1. Advise the Tower that you are inbound for landing. Example "Bakersfield Tower, Race Thirteen is departing Checkpoint Mike, inbound with information Alpha for landing."
	Climb to 2000' MSL and fly directly overhead the Shafter-Minter (MIT) airport.
	From MIT continue southeast towards BFL and expect a left downwind entry for landing on 30L.
Please note that any go-arounds, extended downwinds, etc. will not be penalized. You have already been timed and you can request a fuel adjustment (vector) prior to fueling with a ramp official present.	
	arking is near the approach end of runway 30L. Upon the runway, follow the directions of the ramp officials to g.
	Monitor Bakersfield Ground – 121.7. No call is necessary unless directed by Tower.
-	you are parked and out of the airplane, you will be met by official and a fuel truck. Fueling must be supervised by a

ramp official – don't forget to declare any "fuel vector"

requested if necessary.

	A race official must be present during refueling, and the truck fuel meter must be covered prior to fueling.
	Verify that the truck fuel meter has been set to zero prior to covering.
complete See the	ot or copilot must remain with the aircraft until fueling is ted. Please be prepared to pay for your fuel at the truck. contact information on page 8 for which payment is will be accepted by each FBO.
When fueling is complete, you may proceed to the hangar for lunch. Courtesy transportation to and from the hangar is available; ask any ramp official for directions.	
At the hangar, complimentary soft drinks and bottled water, fresh fruit, cookies, and other light snacks are available free of charge. The Bakersfield 99s will have sandwiches available for a nominal cost of \$5.	
	If you are playing poker don't forget to draw two more cards.
	Internet access and a voice telephone line will be available in the hangar office for updating weather briefings and flight plans.

BFL AIRPORT DIAGRAM



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BFL DEPARTURE PROCEDURES

ш	Copy ATIS on 118.6 before engine start.
	Race Score Sheet ("Fuel and Time Estimate Log") inside cockpit.
	Review the departure diagram on the next page.
	Place this green start card in windscreen or out window so the ramp official can clear you for engine start.
	Monitor Ground Control on 121.7 as you taxi. No call is necessary, simply monitor the ground frequency.
After co	ompleting your run-up:
	Switch to Bakersfield Tower on 118.1. No call is necessary until you are number one to go.
	Transponder on to 5207.
Standa	ard departure is a right crosswind from Runway 30L
	Taxi up to and HOLD SHORT of 30L. When you are number one for takeoff, call the Tower on 118.1. Advise them you are ready for takeoff with a right crosswind departure. Example "Bakersfield Tower, Race Thirteen ready at 30 left for right crosswind departure."
	TOWER WILL CLEAR YOU FOR TAKEOFF.
There may be a short delay while Tower sequences your takeoff to coordinate the right turn-out between 30R arrivals and	

Your timing for the second leg of the race will begin when you pass the timers at the timing line. They are located on the left shoulder near the beginning of 30L.

Continue to next page.

departures.

□ <u>DO NOT START YOUR RIGHT CROSSWIND</u> TURN UNTIL INSTRUCTED BY THE TOWER.

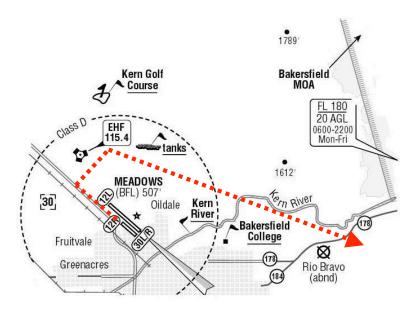
For an orderly transition out of the area, proceed on an extended right crosswind departure until well clear of both arrival and departure corridors for BFL.

After leaving tower frequency:

Monitor Bakersfield Departure on 126.45. No call is necessary unless you are requesting ATC assistance.

When safely clear of the BFL corridors, you may proceed to the Tehachapi Pass area, staying to the east of the city of Bakersfield and the abandoned Rio Bravo airport.

- Monitor the race air-to-air frequency 122.75.
- Proceed on course to your first checkpoint.



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Continue to next page.

BFL - IFP CHECKPOINTS

Checkpoint 4 Elevation 1927' Pattern Altitude 2927' Overfly Above 4500' A circular field with a not Pacman) is located at which J. West K. East		`
L. North CHANGE TO SQUAWK	1200 at T	HIS CHECKPOINT
☐ Checkpoint 5		Kelso
Elevation 2000'	Lat	35° 01.00'
Overfly Above 3500'	Long	115° 38.90'
Next to the railroad tracks	s are two t	all
M. silver cylinders.		
N. red and white radio	o towers.	
O. smokestacks.		

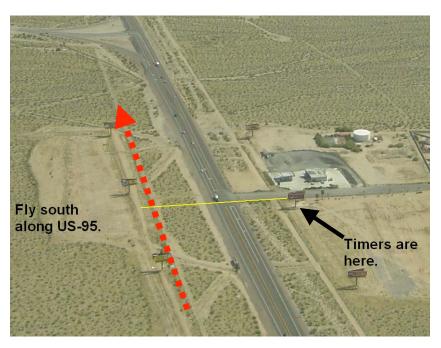
Continue to next page.

Overf	Checkpoint 6 tion 2800' Ty Above 4000' ugh charted on the WE ourse	Lat Long ST side of t	Golf Course 35° 33.30' 115° 25.10' he freeway, the
	is on the EAST side of straddles the freeway, sides are green.		·
S.	is actually on the WE	ST side of tl	ne freeway only.
	Bonus Checkpoint 2 tion 4100' ly Above 6100'	Lat Long	Corral 35° 13.80' 115° 08.50'
At thi	s checkpoint I saw a		
W	. windmill.		
X.	circular water tank.		
Y.	large American flag.		
	Proceed to Searchlight (1) 95 for timing line "Bette"		en south via US-

BETTE Frequency 126.4 Lat 35° 11.83' Long 114° 51.30'

The timers are located at the convenience store and gas station approximately .2 nautical miles north of the SR-163 and US-95 intersection. Fly south along US-95, between the highway and the billboards to the east.

Required altitude over the timing line is 3500 feet MSL. The timing line is approximately 14.5 nautical miles from Laughlin-Bullhead International Airport.



IFP AREA TIMING (BETTE) APPROACH

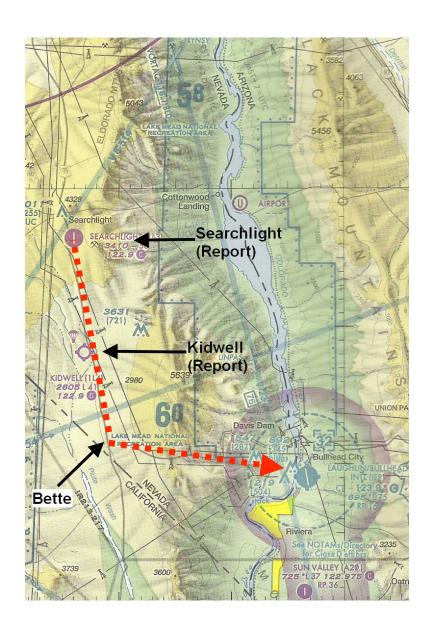
Searchl	ight, you are approximately 15 miles from the timing efer to the diagram on the next page.	
	Overhead Searchlight: Call the timers on 126.4. Example "Checkpoint Bette, Race Thirteen over Searchlight, inbound for timing."	
The Bet their loc	te timing officials will not reply until you are much closer to ation.	
	Turn south to follow the highway towards Laughlin.	
	imately eight (8) miles south of Searchlight you will see Airport (1L4) just west of the highway.	
	Abeam Kidwell Airport: Landing lights on, and report to timers. Example "Checkpoint Bette, Race Thirteen at Kidwell, lights on."	
	Traffic permitting, maintain 3500' MSL to Bette.	
	One (1) mile north of Bette: Report to timers. Example "Checkpoint Bette, Race Thirteen is one mile final for timing."	

The timing line is at the junction of the highway and entrance road to the convenience store and subdivision. Fly south between the highway and the billboards to the east.

DO NOT OVERFLY THE TIMERS! The timers will be on the west side of the highway. Please cross the timing line at 3500' MSL.

When you cross the timing line, the timing officials should confirm on 126.4 that they have recorded your time. They will not report your actual clock time; only an acknowledgement that your time has been recorded is made.

BETTE APPROACH CHART

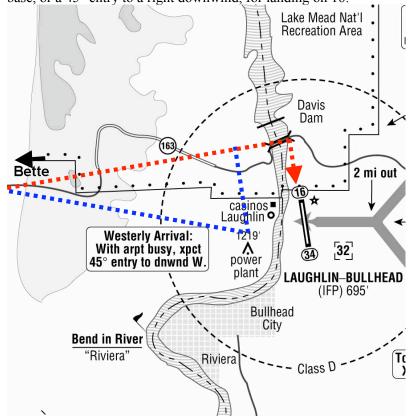


IFP AIRPORT ARRIVAL

At the timing line you are approximately fourteen (14) miles from Laughlin-Bullhead International Airport.

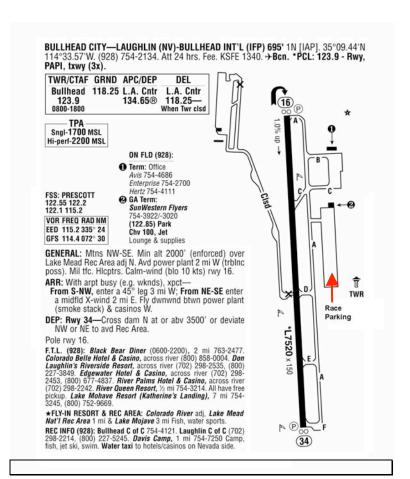
Departing Bette, contact Bullhead Tower on 123.9.
Advise the Tower that you are at Checkpoint Mike for landing. Example "Bullhead Tower, Race Thirteen is departing Mike for landing."

Continue eastward toward the airport and expect either a right base, or a 45° entry to a right downwind, for landing on 16.



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IFP AIRPORT DIAGRAM



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Any number of go-arounds, extended patterns due to traffic, etc., will not be penalized. You have already been timed and you can request a fuel vector adjustment prior to fueling with a ramp official present.

Race parking is on the ramp east of the runway. Upon exiting the runway:

Switch to Bullhead Ground – 118.25. Ground will direct you to race parking.

When you are parked and out of the airplane, you will be met by a ramp official and a fuel truck. Fueling must be supervised by a ramp official – don't forget to declare any "fuel vector" requested if necessary.

- "Prohibited cockpit equipment" status will be verified on ramp arrival.
- A race official must be present during refueling, and the truck fuel meter must be covered prior to fueling.
- ☐ Verify that the truck fuel meter has been set to zero prior to covering.

The pilot or copilot must remain with the aircraft until fueling is completed. Please be prepared to pay for your fuel at the truck. Payment methods accepted by this FBO are listed on page 8.

When fueling is complete, you will be expected to complete your race scoring form including all your checkpoint answers. The ramp official will then collect the final scoring copy, leaving you with a pink copy for your records.

Continue to next page.

Is your Flight Plan closed? If you arrived during tower operating hours, your flight plan has been closed on arrival. If you land after tower hours, you must close it manually.
Remove your race numbers, if tape has been used. The desert sun could damage your paint if tape-applied numbers are left on the airplane.

Courtesy transportation to the hotel is available; ask any ramp volunteer for directions.

Please take everything you will need at the hotel at this time, including your remaining pink copy of the race scoring form.

The parking ramp at IFP is accessed through the FBO, whose normal operating hours are 0600 - 2200. If you need to return to your airplane outside of those hours, you must coordinate your request in advance with the FBO – refer to the contact numbers on page 8.

Upon arrival at the hotel, you can pick up your room keys at the Air Race reception desk, in the area of the West Tower entrance. Some arrivals before 1500 may find that their room has not yet been cleaned; you can drop your bags at the room and it should be cleaned shortly. Please be patient with the hotel staff as several racers may get to their rooms before hotel "regular check-in" time

If you require room charge privileges, credit card deposits for room telephone use, or other special needs at the hotel, you can proceed at your leisure to the "Express Check-in" area of the front desk to make arrangements.

The final card draw for Poker and your entry for the optional Keno tournament can be completed at the Air Race reception desk near the hotel West Tower entrance

HOTEL ACTIVITY INFORMATION

HOSPITALITY SUITE

Friday: Coronado Room – 1400 to 2300

Saturday: West Tower 284 – 0800 to 1530, and

2000 to 2300

AWARDS DINNER

Saturday – Pavilion Room No-Host Cocktails start at 1630 Dinner and Presentations 1730 – 1930

SUNDAY DEPARTURE

Shuttles will be available at the front of the hotel. Please checkout of the hotel at the front desk before going to the airport.

The dedicated race-only van will have trips at 0700, 0800, and 0900.

The hotel van will have runs on the hour starting at 0900, with the last airport trip scheduled for 1300.

Thank you for participating in this year's Air Race. We sincerely hope you had an enjoyable time. Please e-mail us with your comments: *info@hwdairrace.org*

HELP WANTED

Get in on the year-round planning effort for the 2006 Hayward Air Race! Great pay, wonderful office view, fantastic benefits. OK, so maybe there is no pay at all but we do offer a very liberal time-off policy. Contact Dennis Strout for more details. EOE B/P/TD/UYC