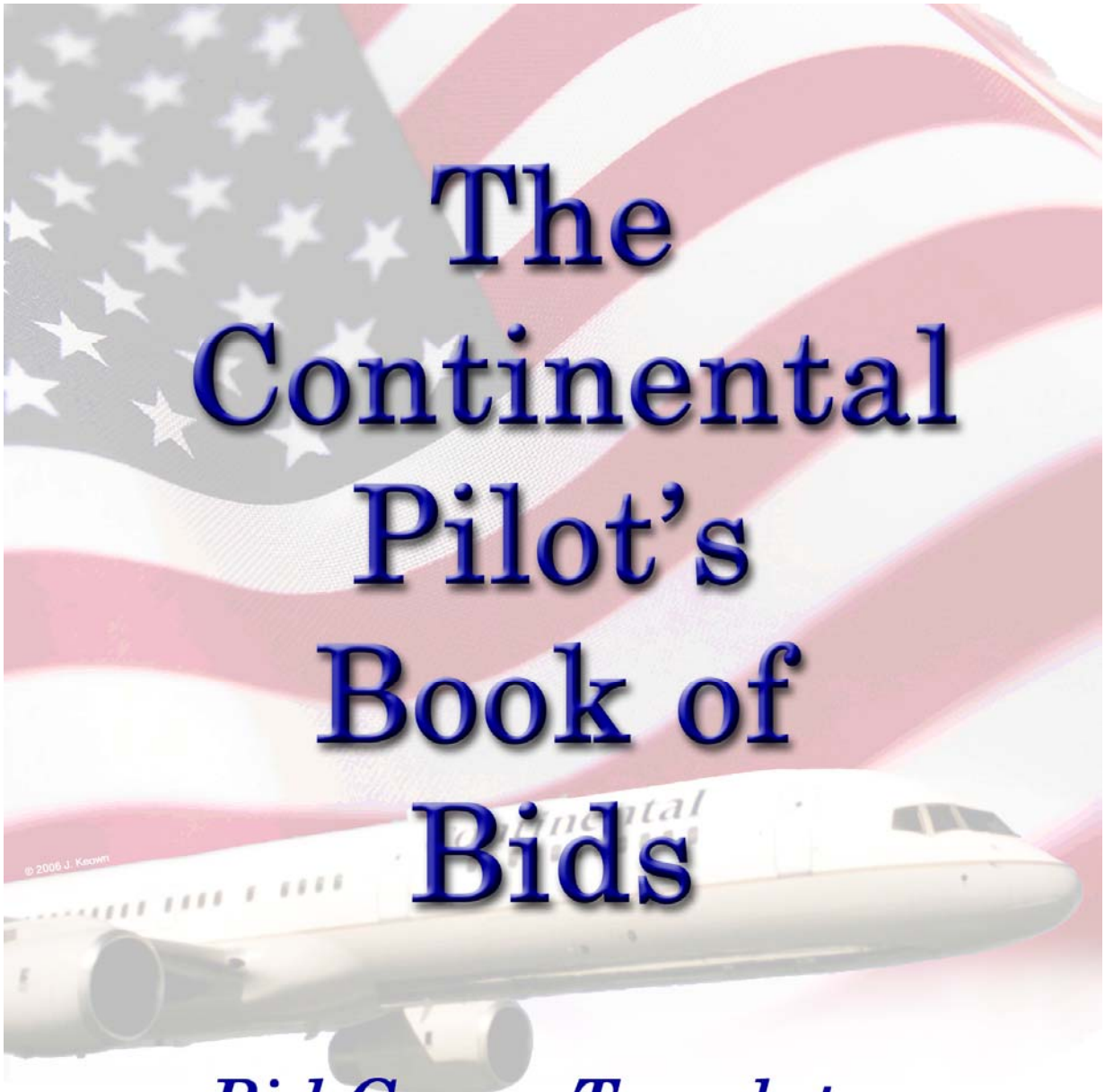


# The Continental Pilot's Book of Bids

## *Bid Group Templates*

## CAL Preferential Bidding System

v 1.0 April 11, 2006

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OF PILOTS IN COMMAND

# THE CAL PILOT'S BOOK OF BIDS

Version 1.0

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# Introduction

The CAL Pilot's Book of Bids is a collection of Bid Group strategies for use with the Carmen PBS System in use by Continental Airlines for the Continental Pilot Group. This book is designed to provoke thought and inspiration in an individual bidder with the intent that more complex and custom orientated Bid Groups will be created by the bidder.

DISCLAIMER: THESE BIDS ARE PROVIDED FOR REFERENCE ONLY AND NO OUTCOME IS GUARANTEED OR IMPLIED BY THEIR USE. PBS IS A CUSTOM DYNAMIC BIDDING SYSTEM THAT REQUIRES EDUCATION AND DECISION MAKING ON THE PART OF THE BIDDER. PROCEED WITH CAUTION.

Each Bid Group starts out with a brief explanation of the objectives the Bid Group is designed to fulfill. The success of each Bid Group is dependent on several factors outside of the control of the bidder such as remaining trips, assigned absences, legalities, and global constraints. Start with this document as a launching pad and design your own vehicle for successful bidding.

If you have questions, feedback, or a great bid suggestion, please contact the PBS Committee through the CALALPA Website or at pbs@alpa.org.

Thanks,

The PBS Team

## Always check to see if you have the latest version…more bid groups and strategies are being added and proofed daily.

# 1 Day Sample Bids

## Weekends off and 1 day trips

AVOID WORK SAT SUN
AWARD PAIRING LENGTH 1

### *Weekends off and 1 day trips, and if not possible, add as few 1 day trips on the weekend to complete the line.*

AWARD PAIRING LENGTH 1 LOW
AVOID WORK SAT SUN
AWARD PAIRING LENGTH 1

### *Weekends off and 1 day trips on specific days of the week*

AVOID WORK SAT SUN
AWARD PAIRING LENGTH 1 MON
AWARD PAIRING LENGTH 1 TUE
AWARD PAIRING LENGTH 1 WED

### *Weekends off and 1 day trips, no more than 3 days in a row*

SET MAX LENGTH OF WORKBLOCK 3
SET MAX NUMBER OF WORKBLOCKS (number of weekday blocks in the month)
AVOID WORK SAT SUN
AWARD PAIRING LENGTH 1

### *Weekends off and 1 day trips, no more than 4 days in a row*

SET MAX LENGTH OF WORKBLOCK 4
SET MAX NUMBER OF WORKBLOCKS (number of weekday blocks in the month)
AVOID WORK SAT SUN
AWARD PAIRING LENGTH 1

### *Weekends off and 1 day trips including the one day trips that cross midnight, but not all-nighter one day trips!*

AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AWARD NUMBER OF DUTIES 1

### *Maximize days off. Weekends off and 1 day trips including the one day trips that cross midnight, but not all-nighter one day trips!*

AVOID NUMBER OF DUTIES 2 THRU 7
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00

AWARD AVERAGE CREDIT PER DUTY > 6:00 HIGH
AWARD AVERAGE CREDIT PER DUTY > 5:00 NEUTRAL

***Maximize days off. Weekends off and 1 day trips including the one day trips that cross midnight, but not all-nighter one day trips! If not possible, add as few 1 day trips on the weekend to complete the line.***

AVOID NUMBER OF DUTIES 2 THRU 7
AWARD AVERAGE CREDIT PER DUTY > 5:00 LOW
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AWARD AVERAGE CREDIT PER DUTY > 6:00 HIGH
AWARD AVERAGE CREDIT PER DUTY > 5:00 NEUTRAL

# 2 Day Sample Bids

### *Weekends off and 2 day trips*

AVOID WORK SAT SUN
AWARD PAIRING LENGTH 2

### *Weekends off and 2 day trips, and if not possible, add as few 2 day trips on the weekend to complete the line.*

AWARD PAIRING LENGTH 2 LOW
AVOID WORK SAT SUN
AWARD PAIRING LENGTH 2 HIGH

### *Weekends off and 2 day trips on specific days of the week*

AVOID WORK SAT SUN
AWARD PAIRING LENGTH 2 MON
AWARD PAIRING LENGTH 2 WED

### *Weekends off and 2 day trips back to back.*

SET MAX LENGTH OF WORKBLOCK 4
SET MAX NUMBER OF WORKBLOCKS (number of weekday blocks in the month)
AVOID WORK SAT SUN
AWARD PAIRING LENGTH 2

### *Weekends off and 2 day trips including the two day trips that cross midnight, but not all-nighter two day trips!*

AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AWARD NUMBER OF DUTIES 2

### *Maximize days off. Weekends off and 2 day trips including the one day trips that cross midnight, but not all-nighter 2 day trips!*

AVOID NUMBER OF DUTIES 3 THRU 8
AVOID NUMBER OF DUTIES 1
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AWARD AVERAGE CREDIT PER DUTY > 6:00 HIGH
AWARD AVERAGE CREDIT PER DUTY > 5:00 NEUTRAL

### *Maximize days off. Weekends off and 2 day trips including the two day trips that cross midnight, but not all-nighter two day*

***trips! If not possible, add as few 2 day trips on the weekend to complete the line.***

AVOID NUMBER OF DUTIES 3 THRU 8
AVOID NUMBER OF DUTIES 1
AWARD AVERAGE CREDIT PER DUTY > 5:00 LOW
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AWARD AVERAGE CREDIT PER DUTY > 6:00 HIGH
AWARD AVERAGE CREDIT PER DUTY > 5:00 NEUTRAL

# 3 Day Sample Bids

## *Weekends off and 3 day trips.*

Note, that if four weekday work blocks exist, then each 3 day trip would have to be worth 18:30 each just to meet a minimum line.
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3
AWARD PAIRING LENGTH 3

## *3 day trips and a 3on/3off cadence.*

This is much more available for the mid level seniority pilot. It allows for five 3 day trips on a line which lowers the average trip value needed to around 15 hrs each.
SET MAX WORKBLOCK LENGTH 4 (make allowance for release past midnight)
SET MIN DAYS OFF BETWEEN WORKBLOCKS TO 3
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3
AWARD PAIRING LENGTH 3

## *Commutable 3 day trips and a 3on/3off cadence.*

SET MAX WORKBLOCK LENGTH 3
SET MIN DAYS OFF BETWEEN WORKBLOCKS TO 3
SET WORKBLOCK REPORT TIME AFTER 0900
SET WORKBLOCK RELEASE TIME BEFORE 1700
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3
AWARD PAIRING LENGTH 3

## *3 day trips with maximum days off*

AVOID PAIRING LENGTH 1 TO 2
AVOID PAIRING LENGTH 5 TO 8
AVOID NUMBER OF DUTIES 4
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD Pairing Credit/Duty > 6:30 HIGH
AWARD Pairing Credit/Duty> 5:00 NEUTRAL
AWARD Pairing Credit/Duty> 3:54 LOW

## *3 day trips with weekends off and 2 day fillers*

AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00

AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3 HIGH
AWARD PAIRING LENGTH 3 HIGH
AWARD NUMBER OF DUTIES 2 LOW
AWARD PAIRING LENGTH 2 LOW

## *3 day trips with 2 day fillers*

Note: This should produce three full workweeks with one entire week off during the month, or 5on 5off if the remaining trips allow.
SET MAX WORKBLOCK LENGTH 5
SET MIN DAYS BETWEEN WORKBLOCKS 2
SET MAX WORKBLOCKS 3
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3 HIGH
AWARD PAIRING LENGTH 3 HIGH
AWARD NUMBER OF DUTIES 2 LOW
AWARD PAIRING LENGTH 2 LOW

## *3 day trips with 2 day fillers commutable*

Note: This should produce three full workweeks with one entire week off during the month, or 5on 5off if the remaining trips allow.

SET WORKBLOCK REPORT TIME AFTER 0900
SET WORKBLOCK RELEASE TIME AFTER 1700
SET MAX WORKBLOCK LENGTH 5
SET MIN DAYS BETWEEN WORKBLOCKS 2
SET MAX WORKBLOCKS 3
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 68:00
AWARD NUMBER OF DUTIES 3 HIGH
AWARD PAIRING LENGTH 3 HIGH
AWARD NUMBER OF DUTIES 2 LOW
AWARD PAIRING LENGTH 2 LOW

# 4 Day Sample Bids

## *Weekends off and 4 day trips.*

Note, that if four weekday work blocks exist, then each 3 day trip would have to be worth 18:30 each just to meet a minimum line.
AVOID WORK SAT SUN
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 90:00
AWARD NUMBER OF DUTIES 4
AWARD PAIRING LENGTH 4

## *4 day trips and a 4on/3off cadence.*

This is much more available for the mid level seniority pilot. It allows for five 3 day trips on a line which lowers the average trip value needed to around 15 hrs each.
SET MAX WORKBLOCK LENGTH 5
SET MIN DAYS OFF BETWEEN WORKBLOCKS TO 3
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 90:00
AWARD NUMBER OF DUTIES 4
AWARD PAIRING LENGTH 4

## *Commutable 4 day trips and a 4on/3off cadence.*

SET MIN DAYS OFF BETWEEN WORKBLOCKS TO 3
SET WORKBLOCK REPORT TIME AFTER 0900
SET WORKBLOCK RELEASE TIME BEFORE 1700
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 90:00
AWARD NUMBER OF DUTIES 4
AWARD PAIRING LENGTH 4

## *4 day trips with maximum days off*

AVOID PAIRING LENGTH 1 TO 3
AVOID PAIRING LENGTH 6 TO 8
AVOID NUMBER OF DUTIES 5
AVOID DUTY TIME WITHIN PAIRINGS 02:45 thru 03:00
AVOID TAFB > 90:00
AWARD Pairing Credit/Duty> 6:30 HIGH
AWARD Pairing Credit/Duty> 5:00 NEUTRAL
AWARD Pairing Credit/Duty> 3:54 LOW

# Atlantic/Pacific/South America Sample Bids

## *Commutable 3on/4off cadence*

SET Working Block Report Time After 1200
SET Working Block Release Time Before 1600
SET Max Length Of Work Blocks to 3 day(s)
SET Min Days Between Work Blocks to 4
SET Max Number Of Work Blocks to 4
AVOID Pairing Length Range 1 - 2 day(s)
AVOID Pairing Length Range 4 - 10 day(s)
AWARD Pairing Type Atlantic
AWARD Pairing Type Pacific
AWARD Pairing Type South America

## *Commutable 4on/3off cadence*

SET Working Block Report Time After 1200
SET Working Block Release Time Before 1600
SET Max Length Of Work Blocks to 4 day(s)
SET Min Days Between Work Blocks to 3
SET Max Number Of Work Blocks to 4
AVOID Pairing Length Range 1 - 3 day(s)
AVOID Pairing Length Range 5 - 10 day(s)
AWARD Pairing Type Atlantic
AWARD Pairing Type Pacific
AWARD Pairing Type South America

# Guam Sample Bids

## *Japan Day Turns 3 per week mornings only*

SET Max Length Of Work Blocks to 3 day(s)
SET Max Number Of Work Blocks to 4
AVOID Work Sat 0001 - Sun 2359
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Number of Duties > 1
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Pairing Type Japan

## *Japan Day Turns 3 per week with Night Narita and NGO*

SET Max Length Of Work Blocks to 3 day(s)
SET Max Number Of Work Blocks to 4
AVOID Work Sat 0001 - Sun 2359
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Number of Duties > 1
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Pairing Type Japan

## *Japan Day Turns 4 per week mornings only*

SET Max Length Of Work Blocks to 4 day(s)
SET Max Number Of Work Blocks to 3
AVOID Work Sat 0001 - Sun 2359
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Number of Duties > 1
AWARD Pairing Type Japan

## *Japan Day Turns Anytime and Anyday*

AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Number of Duties > 1
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Pairing Type Japan LOW

## *Japan Day Turns with a block of 10 days off*

*** the key to this is looking at the month and allowing enough room to work 10 to 11 turns in the time available considering FAR's and buffers. ***
AVOID Work 01Apr 0001 - 10Apr 2359 (a 10 day period within the month)
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Number of Duties > 1

AVOID Pairing Credit/Duty <= 06:30 h
AWARD Pairing Type Japan

## *Day Turns 3 per week mornings only*

SET Max Length Of Work Blocks to 3 day(s)
SET Max Number Of Work Blocks to 4
AVOID Work Sat 0001 - Sun 2359
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Number of Duties = 1

## *Day Turns 4 per week*

SET Max Length Of Work Blocks to 4 day(s)
SET Max Number Of Work Blocks to 3
AVOID Work Sat 0001 - Sun 2359
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Number of Duties = 1

## *Day Turns Anytime and Anyday*

AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Number of Duties = 1  LOW

## *Day Turns with a block of days off*

*** the key to this is looking at the month and allowing enough room to work 10 to 11 turns in the time available considering FAR's and buffers. ***
AVOID Work 01Apr 0001 - 10Apr 2359  (a 10 day period within the month)
AVOID Duty Time Within Pairing 02:45 to 03:00
AVOID Pairing Report Time After 1000
AVOID Pairing Credit/Duty <= 06:30 h
AWARD Number of Duties = 1  LOW