

AIRCRAFT DISPATCHER

UNIT 7 – IAMS/CAHIS

INSTRUCTIONS TO THE INSTRUCTOR

A knowledgeable instructor is required for this unit.

This unit can be taught concurrently with Unit 8 by splitting the class into two groups. Half of the class attends the Unit 7 presentation during the morning session while the other group attends the Unit 8 presentation. The groups switch presentations for the afternoon session.

A computer lab is preferred to present this unit. However, the course could be presented by the instructor without students actually accessing a computer and the IAMS/CAHIS program. If a computer lab is available, provide one computer per student if possible—at least one computer for every two students. The instructor will need to access the lab the day before the class in order to download the IAMS/CAHIS stand-alone program onto each computer. The lab should have a large screen and LCD projector to project the instructor’s computer screen so that students can follow along. The instructor will need to reset the computers between the sessions so the next group has a fresh IAMS/CAHIS screen.

An IAMS User Guide and TFR Guide must be included in the Student Guide. To ensure that the most current versions are available for students, the instructor should download both guides from www.nifc.blm.gov by selecting the “Aviation” hyperlink. Insert the IAMS User Guide in Student Appendix B and the TFR Guide in Student Appendix C.

The FAA releases a new data set for IAMS/CAHIS every 28 days; the military, every 56 days. Therefore, IAMS/CAHIS must be updated every 28 days. The instructor should recommend to students that IAMS/CAHIS not be placed on all local office computers. Download IAMS/CAHIS on the Aircraft Desk computer, if they have one.

NOTES

DETAILED LESSON PLAN OUTLINE

CURRICULUM: BLM Fire and Aviation Training

COURSE: Aircraft Dispatcher

UNIT: 7 - IAMS/CAHIS

LESSON: NA

SUGGESTED TIME: 4 hours

TRAINING AIDS: Computer lab (if available), overhead projector or computer and computer projector and CD-ROM, projection screen; VCR; flip chart, markers, masking tape or tacks; handouts; IAMS User Guide; TFR Guide

OBJECTIVES: Given a simulated wildland fire incident scenario, case study or exercise, students will be able to:

- Describe IAMS/CAHIS and its uses.
- Identify IAMS/CAHIS users.
- Obtain and update IAMS/CAHIS.

OUTLINE	AIDS & CUES
INTRODUCE UNIT 7	07-01-ACDP-EP
PRESENT UNIT OBJECTIVES	07-02-ACDP-EP
I. IAMS/CAHIS?	07-03-ACDP-EP
A. Initial Attack Management System	
B. IAMS/CAHIS decreases the workload of dispatchers in assessing aviation data.	

OUTLINE	AIDS & CUES
<p>C. IAMS/CAHIS increases the speed and accuracy of obtaining aviation information, providing for increased safety and efficiency.</p>	
<p>II. WHO SHOULD USE IAMS/CAHIS?</p> <p>A. Aviation Dispatchers</p> <p>B. Aviation Managers</p> <p>C. Federal Aviation Administration</p> <p>D. Military</p>	<p>07-04-ACDP-EP</p>
<p>III. WHERE DO I GET IAMS/CAHIS?</p> <ul style="list-style-type: none"> • http://www.nifc.blm.gov • Click on “Aviation” 	<p>07-05-ACDP-EP</p>
<p>IV. HOW DO I DOWNLOAD/UPDATE IAMS/CAHIS?</p>	<p>07-06-ACDP-EP</p>
<p>Simulate the downloading of IAMS/CAHIS from the Internet using the PowerPoint presentation. Notify students that they are to watch the process and not perform the download on their workstations.</p>	
<p>A. Click on “Airbase Update Form”</p>	
<p>B. Click the “InstallShield Wizard” button to Install/Update</p>	<p>07-07-ACDP-EP</p>
<p>C. Click the “Next” button</p>	<p>07-08-ACDP-EP</p>
<p>D. Select “Install Now” then the “Install” button</p>	<p>07-09-ACDP-EP</p>
<p>E. Click the “Finish” button</p>	<p>07-10-ACDP-EP</p>

OUTLINE	AIDS & CUES
<p>Refer students to the copy of the IAMS User Guide that the instructor or course coordinator printed and inserted in the Student Appendix.</p>	
<p>V. IAMS/CAHIS TOOLBARS</p>	
<p>Have students click on the IAMS/CAHIS icon to open the IAMS/CAHIS program.</p>	
<p>Instruct students to follow along with the instructor and not jump ahead of the class.</p>	
<p>Review each button and its IAMS/CAHIS function on the Button Bar with students.</p>	
<p>A. Button Bar</p> <p>1. Zoom In</p> <p>Allows the user to “zoom into” an area of interest within the view (geographic area) that is displayed on the screen</p> <p>To zoom into a specific area provides a view with greater detail.</p> <ul style="list-style-type: none"> • Fixed Method • Free Method <p>NOTE: The Zoom option can also be accessed through “Zoom” on the Menu Bar or Ctrl + Z.</p>	<p>07-11-ACDP-EP</p>

OUTLINE

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IAMS/CAHIS Tool: Choosing the “Fixed” zoom-in method gives a more accurate selection that is proportionate to the screen area. To select this setting, click “Settings” from the Menu Bar; click “Zoom-In Method” from the drop-down menu; then click fixed.

To select a zoom-in area, click the upper left portion of the area and then click the lower right portion of the area. Do not click and drag to select the area to zoom.

Have students create a map to work with during the training session. All students should have relatively the same geographic area. (i.e., Select the Great Basin geographic area.)

2. Distance Tool

Allows the user to select a series of points within the view (geographic area) that is displayed on the screen; the distance between each point is shown, as well as the total distance

NOTE: The Distance option can also be accessed through “*Tools*” on the Menu Bar or Ctrl + D.

Have students select points and find distance.

3. Overlays

Allows the user to add, remove, and modify overlays

OUTLINE	AIDS & CUES
<p>The overlays are the features to display, such as BLM district boundaries, rivers, interstates, etc.</p> <p>NOTE: The Overlays option can also be accessed through “<i>Select</i>” on the Menu Bar or Ctrl + O.</p> <div data-bbox="207 604 1068 709" style="border: 2px solid black; padding: 5px;"> <p>Have students select three or four land ownership agencies/items for the area selected.</p> </div> <p>4. Display Parameters</p> <p>Allows the user to modify the display parameters for the selected overlays</p> <p>The display parameters are the attributes of the overlay and determine how the selected overlay will appear to the user when drawn.</p> <p>Includes the scale, symbol, line, color, full, and label</p> <p>NOTE: The Display Parameters option can also be accessed through “<i>Select</i>” on the Menu Bar or Ctrl + P.</p> <div data-bbox="207 1413 1068 1518" style="border: 2px solid black; padding: 5px;"> <p>Have students open the Display Parameters dialog box.</p> </div> <p>5. Mark Point</p> <p>Allows the user to select a point on the map/view display by using the mouse</p>	

OUTLINE	AIDS & CUES
<p>NOTE: The Mark Point option can also be accessed through “<i>Aviation</i>” on the Menu Bar or Ctrl + M.</p> <p>Only one point can be marked at a time.</p> <p>Have students practice marking various points to display the Dispatch Information dialog box.</p> <p>Go through the following menus on the Menu Bar and describe its function. Detailed information concerning each menu item can be found in the IAMS User Guide.</p> <p>B. Menu Bar</p> <p>1. Settings Menu</p> <p>Allows the user to set the startup and display options within IAMS/CAHIS</p> <ul style="list-style-type: none"> • Short Help <p>Allows the user to turn the short help on or off</p> • Legend <p>Allows the user to turn the legend on or off</p> <p>The legend lists the selected overlays and the associated color and/or symbol for each.</p> <p>The legend may not be needed in the office but is useful if printed and posted.</p> 	

OUTLINE	AIDS & CUES
<p>The legend can be moved using the click and drag procedure.</p> <ul style="list-style-type: none"> <li data-bbox="493 401 1084 905"> <p>• Scale Bar</p> <p>Allows the user to turn the scale bar on or off</p> <p>The scale bar shows the linear distance of the current view.</p> <p>Include if you are printing a map.</p> <p>The scale will change with the zoom feature.</p> <li data-bbox="493 940 1084 1419"> <p>• Initial Map</p> <p>Allows the user to identify the initial map; which is the map (or set of overlays) that will appear on the screen whenever the IAMS/CAHIS application is started</p> <p>The last map saved is the map that will start up during the next IAMS/CAHIS launch.</p> <li data-bbox="493 1455 1084 1795"> <p>• Initial View</p> <p>Allows the user to identify the initial view; this is the view (or geographic area) that will appear on the screen whenever the IAMS/CAHIS application is started</p> 	

OUTLINE	AIDS & CUES
Have students select “Map” on the Menu Bar. Click “Save As” to display the Save Map Definition dialog box. Type in “Test” and choose “OK.”	
Have students select “View” on the Menu Bar. Click “Save As” to display the Save View Definition dialog box. Type in “Test” and choose “OK.”	
Have students select “Settings” on the Menu Bar. Click “Initial Map” to display the Open Map Definition dialog box. Select “Test” and choose “OK.”	
Have students select “Settings” on the Menu Bar. Click “Initial View” to display the Open View Definition dialog box. Select “Test” and choose “OK.”	
Have students exit and relaunch the IAMS/CAHIS program. The “Test” map and should be displayed.	
When setting up TFR maps display TFRs and airports. Use the “Save As” command to save the map under a different name. Recommend that students build a group fax labeled TFR which includes airport manager, FBOs, FAA flight services, helibase, tanker base, neighboring dispatch centers, GACC, etc., to use to distribute TFR information.	

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<ul style="list-style-type: none"> • Linear Units <p>Allows the user to select the measure of distance that will be displayed in the scale bar; either kilometers, statute miles, or nautical miles</p> <p>Use nautical miles for aircraft dispatching.</p> • Default Font <p>Allows the user to select the font that will be used for the text throughout the IAMS/CAHIS application; such as in the legend and scale bar</p> 	
<p>Advise students not to worry about changing fonts.</p>	
<ul style="list-style-type: none"> • Screen Size <p>Allows the user to enter the width of their computer screen</p> 	
<p>Advise students not to worry about changing the 10.5 default.</p>	
<p>2. Aviation Menu</p> <p>Allows the user to select a point location on the map/view display and obtain aviation information from near that location</p> <ul style="list-style-type: none"> • Mark Point <p>Same as on the Button Bar</p> 	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> <li data-bbox="493 285 756 317">• Enter Point <p data-bbox="586 359 1068 478">Allows the user to select a point by entering coordinated of the location</p> <p data-bbox="586 516 1060 680">When “Enter Point” is selected, the Convert Coordinates dialog box from the Tools Menu is displayed.</p> <div data-bbox="211 722 1068 869" style="border: 2px solid black; padding: 5px;"> <p data-bbox="224 732 1029 856">Review the Convert Coordinates dialog box with students to show how IAMS/CAHIS converts from one coordinate type to another.</p> </div> <ul style="list-style-type: none"> <li data-bbox="493 909 721 940">• Dispatch <p data-bbox="586 982 1036 1102">Displays the dispatch information for the previously defined point</p> <div data-bbox="211 1144 1068 1291" style="border: 2px solid black; padding: 5px;"> <p data-bbox="224 1155 1003 1278">Have students select the “Dispatch” button from the Convert Coordinates dialog box. Go over the Dispatch Information dialog box.</p> </div> <ul style="list-style-type: none"> <li data-bbox="493 1331 711 1362">• Hazards <p data-bbox="586 1404 1065 1484">Displays the hazard information for the previously defined point</p> <div data-bbox="211 1526 1068 1711" style="border: 2px solid black; padding: 5px;"> <p data-bbox="224 1537 1049 1701">Have students select the “Hazards” button from the Dispatch Information dialog box. Note that the “Hazards” button can also be accessed from the Convert Coordinates dialog box.</p> </div>	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • Settings <p>Allows the user to set the search distances that are used for the Dispatch and Hazards options</p> <div style="border: 2px solid black; padding: 5px; margin: 10px 0;"> <p>Have students select “Settings” from the Aviation menu. Notify students that each of the 13 types of Dispatch Facilities has a search distance associated with it. To change the search distance for a dispatch facility, select the type of dispatch facility from the drop-down list and enter the new search distance.</p> </div> <p style="text-align: center;">The distance default is set to 99 NM.</p> <div style="border: 2px solid black; padding: 5px; margin: 10px 0;"> <p>Have students set the aviation search distances for this point to 25 NM. Students are not to change the default. Once changed, students should “Save” and “Close” the dialog box.</p> </div> <div style="border: 2px solid black; padding: 5px; margin: 10px 0;"> <p>Have students select “Hazards” from the Aviation menu. Note that the distance to hazards is now 25 NM.</p> </div> 	
<p>3. Tools Menu</p> <p>Allows the user to obtain information about locations, as well s create a TFR</p> <ul style="list-style-type: none"> • Distance <p>Same as that on the Button Bar</p> 	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • Print Distance Allows the user to print the Distance Results information from the previous session using the Distance tool • Enter/Edit TFR Allows the user to create a new or edit an existing TFR <div data-bbox="207 751 1068 856" style="border: 2px solid black; padding: 5px;"> <p>Walk students through the TFR Guide, Appendix C, as instruction for entering/editing a TFR.</p> </div> <ul style="list-style-type: none"> • Organization Entity (OE) Allows the user to enter or edit information about the user's "organizational entity" or office <div data-bbox="207 1134 1068 1365" style="border: 2px solid black; padding: 5px;"> <p>Advise students that this information is used when a TFR is created and saves the user from re-entering the information each time. Do not have students perform this function in the classroom, but should be advised to do so at their home units.</p> </div> <ul style="list-style-type: none"> • Airport/Airbase Allows the user to display airport and airbase information <div data-bbox="207 1600 1068 1705" style="border: 2px solid black; padding: 5px;"> <p>Refer students to www.airnav.com. This website has additional information about airports/airbases.</p> </div>	<p>SG Appendix C</p>

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<ul style="list-style-type: none"> • Aviation Boundaries Displays a list of aviation boundary information • Military Training Routes Displays a list of MTR information • Navigation Aids Displays a list of navigation aids information • Special-Use Airspaces Displays a list of SUA information • Convert Coordinates Same as discussed when entering a point 	
<p>4. Zoom</p> <p>Allows the user to change the geographic area that is displayed (the view).</p> <ul style="list-style-type: none"> • Zoom In Allows the user to magnify an area of interest with the view • Recenter Allows the user to center the view display on a new point—redraws the map 	

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<ul style="list-style-type: none"> • Recenter Active <p>Allows the user to center the view display on the current “active point”</p> • Map Scale <p>Allows the user to select a new scale for the view</p> • Maximum <p>Allows the user to display the maximum area available to view—contiguous United States</p> • History <p>Identifies the previous views that have been displayed within the current IAMS/CAHIS session.</p> <p>5. Select Menu</p> <p>Allows the user to select the overlays, modify the display parameters, select the background color of the display, re-draw the display, and re-open the current map</p> <ul style="list-style-type: none"> • Overlays <p>Discussed previously under the Button Bar</p> 	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • Display Parameters Discussed previously under the Button Bar • Background Allows the user to change the color of the background of the IAMS/CAHIS screen display. 	
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> Recommend to students to keep the background white. </div>	
<ul style="list-style-type: none"> • Redraw Clears the screen and then redraws the current map on the screen • Re-Open Current Map Clears the screen and reopens the current map and draws it as if it was just defined. 	
<p>6. Map Menu</p> <p>Allows the user to create, open, save, or delete a map file (the set of overlays selected by the user), send the map or screen display to a printer, select the printer for printing the map or text, see the information about the version of the software, or exit IAMS/CAHIS</p>	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • New Opens a new map and allows the user to select overlays to create a new map • Open Allows the user to open an existing map definition file, which is then displayed • Save As Allows the user to save the current map • Delete Allows the user to delete a selected map definition file • Print Map Prints the displayed map/view, including the informational line at the bottom of the IAMS/CAHIS window • Print Screen Prints the entire IAMS/CAHIS window • Select Map Printer Sets the printing parameters that IAMS/CAHIS uses to print the map/view that is displayed • Select Text Printer 	

OUTLINE	AIDS & CUES
<p>Sets the printing parameters that IAMS/CAHIS uses to print the text information that is displayed</p> <ul style="list-style-type: none"> • About Maps <p>Displays version number, release date, and comments</p> • Exit <p>Closes the IAMS/CAHIS application and returns the user to the last accessed location in Windows</p> <p>7. View Menu</p> <p>Allows the user to create, open, save, or delete a view file (the geographic area that was selected by the user).</p> <ul style="list-style-type: none"> • New <p>Opens a new view, the Maximum view, which displays the entire area of the contiguous lower 48 United States</p> • Open <p>Allows the user to open an existing view definition file, which is then displayed</p> • Save As <p>Allows the user to save the current view</p> 	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • Delete <p>Allows the user to delete a selected view definition file</p>	
<p>VI. EXERCISES</p>	
<p>Students will be required to use IAMS/CAHIS to complete each Aircraft Resource Order. Students may have to complete one or more of the following blocks on the Resource Order: Blocks 6, 11, and the “TO” block in 12.</p>	
<p>Walk students through Exercise 1 using the IAMS/CAHIS process.</p>	
<p>A. Exercise 1</p>	<p>07-01-ACDP-IR</p>
<p>B. Exercise 2</p>	<p>07-02-ACDP-IR</p>
<p>C. Exercise 3</p>	<p>07-03-ACDP-IR</p>
<p>D. Exercise 4</p>	<p>07-04-ACDP-IR</p>
<p>E. Exercise 5</p>	<p>07-05-ACDP-IR</p>
<p>F. Exercise 6</p>	<p>07-06-ACDP-IR</p>
<p>G. Exercise 7</p>	<p>07-07-ACDP-IR</p>

AIRCRAFT DISPATCHER

UNIT 7 – IAMS/CAHIS

POWERPOINT SLIDE INDEX

<u>Reference No.</u>	<u>Description</u>
07-01-ACDP-EP	Title Slide
07-02-ACDP-EP	Objectives
07-03-ACDP-EP	IAMS/CAHIS?
07-04-ACDP-EP	Who should use IAMS/CAHIS?
07-05-ACDP-EP	Where do I get IAMS/CAHIS?
07-06-ACDP-EP	How do I download/update IAMS/CAHIS?
07-07-ACDP-EP	How do I download/update IAMS/CAHIS?
07-08-ACDP-EP	How do I download/update IAMS/CAHIS?
07-09-ACDP-EP	How do I download/update IAMS/CAHIS?
07-10-ACDP-EP	How do I download/update IAMS/CAHIS?
07-11-ACDP-EP	Let's take a look at IAMS/CAHIS

NOTES

AIRCRAFT DISPATCHER

UNIT 7 – IAMS/CAHIS

INSTRUCTOR REFERENCES

<u>Reference No.</u>	<u>Description</u>
07-01-ACDP-IR	Exercise 1
07-02-ACDP-IR	Exercise 2
07-03-ACDP-IR	Exercise 3
07-04-ACDP-IR	Exercise 4
07-05-ACDP-IR	Exercise 5
07-06-ACDP-IR	Exercise 6
07-07-ACDP-IR	Exercise 7

NOTES

EXERCISE 1

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack.

Walk students through the IAMS/CAHIS process.

Have students:

Launch the IAMS/CAHIS program in the initial map/initial view mode.

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

Select “Aviation” from the Menu Bar.

Select “Enter Point” from the drop-down menu.

Select the Lat/Long (Degs Mins Secs) option. Advise students to use zeroes for the seconds.

Enter the Latitude and Longitude from their Aircraft Resource Order for this exercise and convert.

Document the Block 6 information after converting.

Select the “Dispatch” button from the Convert Coordinates dialog box. From the Dispatch Information dialog box, have students complete the VOR and closest reload base information in Block 11.

From the Dispatch Information block, complete the closest force using the various dispatch facilities.

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

Select the “Hazards” button from the Dispatch Information dialog box to complete the “Other Aircraft/Hazards”

Create a new TFR.

Select “Tools” from the Menu Bar.

Select “Enter/Edit TFR” from the drop-down menu.

Select “Create New TFR.”

Complete the TFR process using information from the Resource Order.

3. Deconflict the airspace and create a TFR.

RESOURCE ORDER		INITIAL DATE/TIME 7/13/00 1300		2. INCIDENT/PROJECT NAME GOLDRUSH		3. INCIDENT /PROJECT ORDER NUMBER NV-BMD-123		4. OFFICE REFERENCE NUMBER P47123 N123	
AIRCRAFT		5. DESCRIPTIVE LOCATION/RESPONSE AREA Austin, NV		6. SEC. 02 7. MAP REFERENCE		8. INCIDENT BASE/PHONE NUMBER 775 555-1234		9. JURISDICTION/AGENCY BLM	
11. AIRCRAFT INFORMATION		LAT. 39 38		LONG. 116 45		RELOAD BASE		10. ORDERING OFFICE CNC	
BEARING		BASE OR OMNI		AIR CONTACT		FREQUENCY		OTHER AIRCRAFT/HAZARDS	
157		57 BAM		Goldrush A/A		123.456		Austin 1 MOA, VR1253 (F:G)	
199		81 BQU							
27		88 MVA							
12. Request Number		Q T Y		RESOURCE REQUESTED		Needed Date/Time		Deliver To	
A-1		1		AIR TANKER		IA		FIRE	
A-2		1		AIR TANKER		IA		FIRE	
A-3		1		LEAD PLANE		IA		FIRE	
A-4		1		AIR ATTACK		IA		FIRE	
13. ORDER RELAYED		ORDER RELAYED		ACTION TAKEN		ACTION TAKEN		ORDER RELAYED	
Req. No.		Date		Time		To/From		Req. No.	
								Date	
								Time	
								To/From	

NOTES

EXERCISE 2

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the Township/Range/Section from the Resource Order and IAMS/CAHIS, complete
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

INCIDENT/PROJECT ORDER NUMBER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME		3. INCIDENT /PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER	
RESOURCE ORDER		7/13/00		Reveille		NV-BMD-125		P471235	
AIRCRAFT		1300						N125	
5. DESCRIPTIVE LOCATION/RESPONSE AREA		6. SEC. TWN RNG Base MDM		8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY		10. ORDERING OFFICE	
Reveille Range		02 20N 46E M		775 555-1234		BLM		CNC	
7. MAP REFERENCE		LAT. 38 00		LONG. 116 00					
11. AIRCRAFT INFORMATION		AIR CONTACT FREQUENCY		RELOAD BASE		OTHER AIRCRAFT/HAZARDS			
BEARING 77		Reveille A/A 123.456		BIH		Reveille MOA, VR1253 I.J, VR1260 A.B, VR1259 A.B, VR1406 I.J,			
DISTANCE 49				Reveille IC		IR286 I.J, IR425 M.N, IR200 Z.AA, VR209 A.B, IR425 N.O, IR200 Y.Z			
245									
12									
12. Request Number		Q T Y		RESOURCES REQUESTED		Needed Date/Time		Deliver To	
A-1		1		AIR TANKER		IA		FIRE	
A-2		1		AIR TANKER		IA		FIRE	
A-3		1		LEAD PLANE		IA		FIRE	
A-4		1		AIR ATTACK		IA		FIRE	
13. ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN			
Req. No.		Date		Time		To/From		Req. No.	
								Date	
								Time	
								To/From	

EXERCISE 3

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the VOR from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

RESOURCE ORDER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME				3. INCIDENT /PROJECT ORDER NUMBER				4. OFFICE REFERENCE NUMBER			
AIRCRAFT		7/13/00 1300		ALKALI				OR-DOF-345				P671235 Q125			
5. DESCRIPTIVE LOCATION/RESPONSE AREA		6. SEC. 02		7. MAP REFERENCE		8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY		10. ORDERING OFFICE		State		BIC	
ALKALI LAKE		29S 23E W		619 555-2345		619 555-2345		BIC		State		BIC			
11. AIRCRAFT INFORMATION		LAT. 43 05		LONG. 119 58		FREQUENCY 170.00		RELOAD BASE		OTHER AIRCRAFT/HAZARDS					
BEARING		BASE OR OMNI		AIR CONTACT		FREQUENCY		RELOAD BASE		OTHER AIRCRAFT/HAZARDS					
17		LKV		Alkali A/A		123.456		RDM		Juniper Low MOA, Juniper South MOA					
219		ILR													
122		DSD													
12. Request Number		Q T Y		RESOURCES REQUESTED		Needed Date/Time		Agency ID		RESOURCE ASSIGNED		RELEASED		ETA	
A-1		1		AIR TANKER		IA FIRE		RDM		RDM		Date To		Time	
A-2		1		AIR TANKER		IA FIRE		LMT							
A-3		1		LEAD PLANE		IA FIRE		RDM							
A-4		1		AIR ATTACK		IA FIRE		RDM							
13. ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN					
Req. No. Date Time		To/From		Req. No. Date Time		To/From		Req. No. Date Time		To/From		Req. No. Date Time		To/From	

EXERCISE 4

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

EXERCISE 5

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the Township/Range/Section from the Resource Order and IAMS/CAHIS, complete
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

RESOURCE ORDER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME		3. INCIDENT /PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER															
AIRCRAFT		7/13/00 1300		MILL CREEK		CA-LNF-0444		P54441 R441															
5. DESCRIPTIVE LOCATION/RESPONSE AREA		6. SEC. TWIN RING Base MDM		8. INCIDENT BASE/PHONE NUMBER		9. JURISDICTION/AGENCY		10. ORDERING OFFICE															
Mill Creek, CA		26 28N 8E		619 213-4567		FS		LNF															
7. MAP REFERENCE		LAT. 40 15		LONG. 121 03		RELOAD BASE		OTHER AIRCRAFT/HAZARDS															
11. AIRCRAFT INFORMATION		AIR CONTACT FREQUENCY		Ground Contact		005		Whitmore 3 MOA, IR207 M.N.O															
BEARING		DISTANCE		BASE OR OMNI		FREQUENCY		RELOAD BASE															
253		41		AHC		170.00		005															
37		46		CIC		Mill Creek IC																	
64		55		RBL																			
12. Request Number		Q T Y		RESOURCE REQUESTED		Needed Date/Time		Deliver To		From To		Agency ID		RESOURCE ASSIGNED		ETD ETA		RELEASED Date To		Time			
A-1		1			AIR TANKER	IA		FIRE		O05													
A-2		1			AIR TANKER	IA		FIRE		CIC													
A-3		1			LEAD PLANE	IA		FIRE		O05													
A-4		1			AIR ATTACK	IA		FIRE		O05													
13. ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN	
Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From

EXERCISE 6

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the VOR from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

EXERCISE 7

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Air tankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

RESOURCE ORDER		INITIAL DATE/TIME		2. INCIDENT/PROJECT NAME		3. INCIDENT /PROJECT ORDER NUMBER		4. OFFICE REFERENCE NUMBER	
AIRCRAFT		7/13/00 1300		LIVERMORE		CA-SCU-0515		P56345 U345	
5. DESCRIPTIVE LOCATION/RESPONSE AREA Livermore, CA				6. SEC. 16		8. INCIDENT BASE/PHONE NUMBER 707 615-5432		9. JURISDICTION/AGENCY State	
				7. MAP REFERENCE				10. ORDERING OFFICE NO	
11. AIRCRAFT INFORMATION				LAT. 37 40		LONG. 121 32			
BEARING		DISTANCE		BASE OR OMNI		AIR CONTACT		FREQUENCY	
224		20		ECA		Livermore A/A		123.456	
33		26		SJC				RELOAD BASE SCK	
260		27		MOD				OTHER AIRCRAFT/HAZARDS R2531	
12. Request Number		Q T Y		RESOURCE REQUESTED		Needed Date/Time		Deliver To	
A-1		1		AIR TANKER		IA		FIRE	
A-2		1		AIR TANKER		IA		FIRE	
A-3		1		LEAD PLANE		IA		FIRE	
A-4		1		AIR ATTACK		IA		FIRE	
13. ORDER RELAYED		ORDER RELAYED		ACTION TAKEN		ACTION TAKEN		ACTION TAKEN	
Req. No.		Date		Time		To/From		Req. No.	
								Date	
								Time	
								To/From	