

AIRCRAFT DISPATCHER

UNIT 8 – AIRSPACE MAPPING

INSTRUCTIONS TO THE INSTRUCTOR

A knowledgeable instructor is required for this unit. Contact your agency National Airspace Coordinator for a list of qualified instructors.

Ideally, the group configuration for this unit should be comprised of no more than four persons per group with no more than five groups. Ensure that groups are created with a mixture of experienced and inexperienced students. Poll the students prior to this unit to determine the individuals who have had map reading experience. This will allow groups to work more efficiently and effectively.

For each group, obtain an updated copy of the following (Specific ordering/downloading information is given in 08-02-ACDP-IR.):

- AP/1B Book
- AP/1A Book
- AP/1B Chart—Western U.S.
- Aeronautical Chart User's Guide

For the sectional exercise, you will need one each of the following per group: Las Vegas, Klamath Falls, and San Francisco Sectional Aeronautical Charts. Only one sectional is required for the entire group for the other areas. See 08-02-ACDP-IR for specific ordering instructions.

Read the Interagency Airspace Coordination Guide, Chapter 3 for detailed terminology definitions.

Obtain a copy of the *Safe Flying In Special Use and Other Airspace* video.

NOTES

DETAILED LESSON PLAN

- CURRICULUM: BLM Fire and Aviation Training
- COURSE: Aircraft Dispatcher
- UNIT: 8 - Airspace Mapping
- SUGGESTED TIME: 3 ½ hours
- TRAINING AIDS: Overhead projector or computer with CD-ROM and LCD projector; projection screen; VCR; flip chart, markers, masking tape or tacks; *Safe Flying In Special Use and Other Airspace* video; AP/1B Book (5 each); AP/1A Book (5 each); AP/1B Chart—Western U.S. (5 each); Sectional Aeronautical Charts (5 each)—Las Vegas, San Francisco, and Klamath Falls; NOAA Aeronautical Chart User's Guide (5 each)
- OBJECTIVES: Given a simulated wildland fire incident, case study or exercise, students will be able to:
- Manually deconflict airspace for a given area.
 - Identify reference materials needed to manually deconflict airspace for a given area.
 - Correctly identify Special-Use Areas (SUAs) and Military Training Routes (MTRs) given a sectional map.
 - Identify the scheduling office given a specific SUA or MTR.
 - Correctly determine the width of the route and the minimum/maximum altitudes flown on that route given a specific MTR.

OUTLINE	AIDS & CUES
Introduce Unit 8.	08-01-ACDP-EP
Present the unit objectives.	08-02-ACDP-EP 08-03-ACDP-EP
<p>I. TERMINOLOGY</p> <p>A. Scheduling Agency: Special-Use Airspace</p> <ul style="list-style-type: none"> • Schedules the use of the airspace • Listed on the sectional <p>B. Using Agency: Special-Use Airspace</p> <ul style="list-style-type: none"> • The unit for which the SUA was originally constructed <p>C. Controlling Agency: Special-Use Airspace</p> <ul style="list-style-type: none"> • Controls the Special-Use Airspace • Point of contact for deconfliction <p>D. Scheduling Activity: Military Training Routes</p> <ul style="list-style-type: none"> • Department of Defense (DOD) unit responsible for scheduling MTR • Point of contact for deconfliction 	08-04-ACDP-EP
Instruct the students to refer to the sectionals on their tables while watching the Safe Flying in Special Use and Other Airspace video.	

OUTLINE	AIDS & CUES
<p data-bbox="203 281 943 359">II. SECTIONAL AERONAUTICAL CHART LEGEND</p> <div data-bbox="207 401 1068 636" style="border: 2px solid black; padding: 5px;"> <p data-bbox="224 411 1040 621">Refer to Interagency Airspace Coordination Guide, Chapter 5 and the NOAA Aeronautical Chart User's Guide and to Selected Aeronautical Chart Symbols, 08-01-ACDP-IR, on page 8-7 of their Student Guide.</p> </div> <ul style="list-style-type: none"> <li data-bbox="302 674 634 709">A. Expiration Date <li data-bbox="302 743 716 779">B. Special-Use Airspace <ul style="list-style-type: none"> <li data-bbox="399 821 1040 898">• Prohibited , Restricted, Warning, and Alert Areas <li data-bbox="399 940 984 976">• Military Operations Area (MOA) <li data-bbox="302 1010 805 1045">C. Special Conservation Areas <ul style="list-style-type: none"> <li data-bbox="399 1087 992 1123">• Description and boundary marker <li data-bbox="302 1157 748 1192">D. National Security Areas <li data-bbox="302 1226 602 1262">E. Victor Routes <li data-bbox="302 1295 610 1331">F. MTR (IR/VR) <li data-bbox="302 1365 919 1400">G. Maximum Elevation Figure (MEF) <ul style="list-style-type: none"> <li data-bbox="399 1442 1032 1478">• Highest obstacle in a 30-mile square <li data-bbox="399 1520 984 1598">• Designated as blue numbers with superscript (e.g., 6⁴) <li data-bbox="399 1640 708 1675">• Add two zeros <ul style="list-style-type: none"> <li data-bbox="496 1717 837 1753">– 6⁴ = 6,400' MSL 	<p data-bbox="1097 281 1349 317">08-05-ACDP-EP</p> <p data-bbox="1097 394 1349 472">08-01-ACDP-IR SG page 8-7</p>

OUTLINE	AIDS & CUES
H. Flight Levels (FL) <ul style="list-style-type: none"> • Airspace 18,000 feet MSL and above in increments of 100 	
I. Miscellaneous Symbols <ul style="list-style-type: none"> • Lookout towers, helibases, ultralights, gliders, parachutes, powerlines • VOR, VOR/DME, VORTAC, TACAN 	08-06-ACDP-EP
J. Compass Rose	
K. Mileage Conversion Chart <ul style="list-style-type: none"> • Statute miles stated in <ul style="list-style-type: none"> – Nautical – Kilometers 	
III. AP/1B CHART <ul style="list-style-type: none"> A. MTR (IR/VR) <ul style="list-style-type: none"> • IR–red line • VR–blue line B. SR–black line C. AR–double black line D. Starting Point E. Segments 	08-07-ACDP-EP
F. Turning Point	08-08-ACDP-EP
G. Ending Point	

OUTLINE	AIDS & CUES
<p>H. Single Route</p> <p>I. Multiple Route</p> <p>J. Surface, floor/ceiling</p> <ul style="list-style-type: none"> • Add two zeros (e.g., 300 + 00 = 30,000) • Floor is either surface or above ground level (AGL) <p>The altitude from ground level up (e.g., 300 AGL means 300 feet above ground level)</p> • Ceiling is mean sea level (MSL) <p>The “true” altitude (e.g., Lake Tahoe is at 7,000 feet, an aircraft flying 500 feet above Lake Tahoe will be flying at 500 feet AGL or at 7,500 feet MSL)</p> <div style="border: 2px solid black; padding: 5px; margin-top: 10px;"> <p>Using the AP/1B Chart, review IR-346 with students, identifying segments and altitudes from start to finish.</p> </div>	
<p>IV. AP/1B BOOK</p> <ul style="list-style-type: none"> • Published every 56 days • Downloadable 	08-09-ACDP-EP
<div style="border: 2px solid black; padding: 5px;"> <p>Refer students to page 8-11 of their Student Guide for specific ordering instructions.</p> </div>	08-02-ACDP-IR SG page 8-11
<div style="border: 2px solid black; padding: 5px;"> <p>Using the AP/1B Book, review IR-346 with students; identify the information below.</p> </div>	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • Contains all MTRs (IR/VR), SRs, ARs, and nuclear power plants • Contains scheduling activity phone numbers, hours of operation, route description (altitudes), terrain following operations, route widths, and special operating procedures 	08-10-ACDP-EP
<p>Conduct the Mapping Exercise, 08-03-ACDP-IR, on pages 8-13 through 8-28 in the Student Guide.</p>	08-03-ACDP-IR SG page 8-13 THRU SG page 8-28
<p>Review unit objectives.</p>	08-11-ACDP-EP 08-12-ACDP-EP
<p>Ask the students if there are any questions.</p>	08-13-ACDP-EP

AIRCRAFT DISPATCHER

UNIT 8 – AIRSPACE MAPPING

POWERPOINT SLIDE INDEX

<u>Reference No.</u>	<u>Description</u>
08-01-ACDP-EP	Title Slide
08-02-ACDP-EP	Unit Objectives
08-03-ACDP-EP	Unit Objectives
08-04-ACDP-EP	Terminology
08-05-ACDP-EP	Sectional Aeronautical Chart Legend
08-06-ACDP-EP	Sectional Aeronautical Chart Legend
08-07-ACDP-EP	AP/1B Chart
08-08-ACDP-EP	AP/1B Chart
08-09-ACDP-EP	AP/1B Book
08-10-ACDP-EP	AP/1B Book
08-11-ACDP-EP	Unit Objectives
08-12-ACDP-EP	Unit Objectives
08-13-ACDP-EP	Questions

NOTES

AIRCRAFT DISPATCHER

UNIT 8 – AIRSPACE MAPPING

INSTRUCTOR REFERENCE

<u>Reference No.</u>	<u>Description</u>
08-01-ACDP-IR	Selected Aeronautical Chart Symbols
08-02-ACDP-IR	Ordering Information
08-03-ACDP-IR	Mapping Exercise

NOTES

Selected Aeronautical Chart Symbols

SUA = Special Use Airspace

Blue
Hatched
Line

PA = Prohibited Area
RA = Restricted Area
WA = Warning Area
AA = Alert Area

PROHIBITED, RESTRICTED
OR WARNING AREA



ALERT AREA



Magenta
Hatched
Line

Military
MOA = Operations
Area



Special Conservation Areas

National Parks, Wildlife Refuges,
Primitive and Wilderness Areas



Low Altitude Airways = Blue Line
(Victor Routes)



Arrows indicate single direction route

MTR's = Military Training Route
Grey Line



Arrows indicate single direction route

MEF = Maximum Elevation Figure

(Thousands of Feet) — **67** — (Hundreds of Feet)
(Highest within each Sectional Chart)



Parachute Jumping Area



Glider Operating Area



Hang Gliding Activity



Ultralight Activity

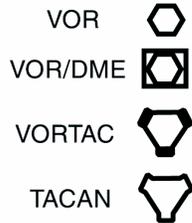


Lookout Tower



Heliport

Isogonic Line and Value
14° E



VOR = VHF Omnidirectional
Radio Range

DME = Distance Measuring
Equipment

TACAN = Tactical Air
Navigation



COMPASS ROSE
oriented to Magnetic North
of NAVAID which may not be
adjusted to the
charted Isogonic Values

NOTES

ORDERING INFORMATION

AP/1A and AP/1B Books:

1. Download the AP/1A and AP/1B Books from:
<https://164.214.2.62/products/digitalaero/index.cfm>

From the “Planning and Enroute Supplements” section, select either the “AP/1A” or “AP/1B” link.

2. Order from the National Aeronautical Charting Office (NACO):
 - Telephone (301) 436-8301 or (800) 638-8972
 - www.naco.faa.gov

From the “Catalogs/Ordering Info” link. Scroll down the page to the NIMA and NOAA Chart Catalog section. Select the “NIMA Worldwide Aeronautical Charts” link for pricing and ordering information.

AP/1B Charts:

1. Order from the National Aeronautical Charting Office (NACO):
 - Telephone (301) 436-8301 or (800) 638-8972
 - www.naco.faa.gov

From the “Catalogs/Ordering Info” link. Scroll down the page to the NIMA and NOAA Chart Catalog section. Select the “NIMA Worldwide Aeronautical Charts” link for pricing and ordering information.

2. If available, download the AP/1B Charts from:
<https://164.214.2.62/products/digitalaero/index.cfm>

From the Flight Information Planning section, select the “Enroute Charts” link.

Sectional Aeronautical Charts:

1. Order from the National Aeronautical Charting Office (NACO):

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

From the “Catalogs/Ordering Info” link, select the “VFR Charts” link; select the “Sectional Aeronautical Charts” link for pricing and ordering information.

2. To purchase locally, check the NACO website for local NACO agents in your area.

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

Select the “Agent Listings” link and complete the query.

Aeronautical Chart User’s Guide:

Order from the National Aeronautical Charting Office (NACO):

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

From the “Catalogs/Ordering Info” link, select the “Supplemental Charts/Pubs” link, then select the “Aeronautical Chart User’s Guide” link for pricing and ordering information.

MAPPING EXERCISE

The instructor will walk through the Sample Exercise with the entire class.

Refer students to page 8-13 of the Student Guide.

The purpose of this exercise is to complete the necessary paperwork associated with performing the job of ACDP. Ensure that you understand the process by asking questions of your coach and group members.

Have the students plot $37^{\circ} 22'$ by $114^{\circ} 37'$ on their Las Vegas sectionals to find out what SUAs and MTRs exist within a 10 nautical mile radius of the incident. The last two exercises are within a 5 nautical mile radius of the incident.

Refer students to the Airspace Exercise Worksheet on page 8-15 of the Student Guide.

Students are to begin completing the worksheet by answering the following questions in the Sample Exercise (These will be the questions that students are to refer to for all mapping exercises):

SAMPLE EXERCISE: LAS VEGAS SECTIONAL

Use all reference material that is located on your table to answer the questions below. Transfer the information that you find to the Airspace Exercise Form. Do not answer the questions directly below. Use the worksheet.

Location:

A fire is located at 37° 22' by 114° 37' (5 miles West of Elgin in Delamar Mountains)

Questions:

On the forms provided by the instructor, answer the following questions:

Is there special use airspace here? If so, what is the SUA?
(Refer to sectional)

Who is the controlling agency?
(Refer to sectional)

Which MTRs/SRs are involved?
(Refer to sectional and AP/1B book and chart)

Which segments of the MTRs are involved?
(Refer to AP/1B book and chart)

What is the floor and ceiling of the MTR?
(Refer to AP/1B book and chart)

What are the widths of the segments?
(Refer to AP/1B book)

Who is the DOD scheduling activity for the MTRs?
(Refer to AP/1B book)

AIRSPACE EXERCISE WORKSHEET

Sample Exercise

Lat/Long: 37° 22' X 114° 37', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-209	C:D	2 NM either side of center line	Surface to 1,500' AGL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Edwards AFB	661-277-4110	???	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-425	H:I	4 NM either side of center line	500' AGL to 12,000' MSL	???
IR-425	I:J	4 NM either side of center line	500' AGL to 11,500' MSL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Sample Exercise

Lat/Long: 37° 22' X 114° 37', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Pt. Mugu	805-989-7545	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-200	AD:AE	4 NM either side of center line	500' AGL to 12,000' MSL	???
IR-200	AE:AF	4 NM either side of center line	500' AGL to 11,500' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Los Angeles Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Desert MOA	N/A	N/A	100' AGL to 17,999' MSL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 1

Lat/Long: 39° 38' x 116° 45', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Salt Lake Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Austin 2 MOA	N/A	N/A	200' AGL to 17,999' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-1253	F:G	3 NM either side of center line	200' AGL to 1,500' AGL	???
VR-208	E:F	10 NM miles either side of center line	200' AGL to 12,000' MSL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 1, continued

Lat/Long: 39° 38' x 116° 45', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Mountain Home AFB	208-828-2172	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-280	D:E	5 NM either side of center line	100' AGL to 14,000' MSL	???
IR-282	D:E	5 NM either side of center line	100' AGL to 14,000' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2

Lat/Long: 38° 00' x 116° 00', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Salt Lake Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Reveille MOA	N/A	N/A	100' AGL to 17,999' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-1260	A:B	2 NM either side of center line	200' to 1,500' AGL	???
VR-209	A:B	2 NM either side of center line	200' to 1,500' AGL	???
VR-1259	A:B	5 NM either side of center	200' to 1,500' AGL	???
VR-1253	H:I	3 NM either side of center	200' to 1,500' AGL	???
VR-1253	I:J	3 NM either side of center	200' to 1,500' AGL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2, continued

Lat/Long: 38° 00' x 116° 00', Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Nellis AFB	702-652-2040	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-1406	I:J	5 NM either side of center line	surface to 1,500' AGL	???
IR-286	I:J	5 NM either side of center line	surface to 9,500' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Edwards AFB	661-277-4110	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-235	E:F	7 NM either side of center line	surface to 10,500' MSL	???
IR-234	A:B	7 NM either side of center line	surface to 10,500' MSL	???
IR-425	L:M	4 NM either side of center line	500' AGL to 11,500' MSL	???
IR-425	M:N	4 NM either side of center line	500' AGL to 11,000' MSL	???
IR-425	N:O	4 NM either side of center line	500' AGL to 11,000' MSL	???
IR-237	D:E	4 NM either side of center line	500' AGL to 12,000' MSL	???
IR-238	A:B	4 NM either side of center line	500' AGL to 12,000' MSL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2, continued

Lat/Long: 38° 00' x 116° 00' Las Vegas Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Pt. Mugu	805-989-7545	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-200	Y:Z	4 NM either side of center line	500' AGL to 11,000' MSL	???
IR-200	Z:AA	4 NM either side of center line	500' AGL to 11,000' MSL	???
IR-200	AA:BB	4 NM either side of center line	500' AGL to 11,500' MSL	???

Daily Contact V-244 Call ARTCC regarding victor route
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 3

Lat/Long: 43° 05' x 119° 58', Klamath Falls Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Seattle Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Juniper South	N/A	N/A	11,000' MSL to 17,999' MSL	???
Juniper Low	N/A	N/A	300' AGL to 10,999' MSL	???
Juniper North	N/A	N/A	11,000' MSL to 17,999' MSL	???

Daily Contact Remarks: MOA excludes airspace 1,500' AGL and below at Alkali Lake State Airport

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Air National Guard	208-422-5348	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-316	D:E	5 NM right & 10 nm left of center line	100' AGL to 10,000' MSL	???
VR-316	E:F	5 NM either side of center line	100' AGL to 10,000' MSL	???
VR-319	G:H	5 NM either side of center line	100' AGL to 10,000' MSL	???
VR-319	H:I	5 NM left & 10 nm right of center line	100' AGL to 10,000' MSL	???
VR-1301	E:F	5 NM either side of center line	100' AGL to 1,500' AGL	???

Daily Contact Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 3, continued

Lat/Long: 43° 05' x 119° 58', Klamath Falls Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Whidby Island	360-257-2877	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-342	D:E	4 NM either side of center line	500' AGL to 8,500' MSL	???

Daily Contact V-357 Call ARTCC regarding Victor Route
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 4

Lat/Long: 40° 17' x 120° 04', Klamath Falls Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Oakland Center	follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
R-2530	NA	NA	surface to 8,600' MSL	???

Daily Contact V-452 Call ARTCC regarding Victor Route
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-207	O:P	5 NM either side of the center line	500' AGL to 13,000' MSL	???

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 5

Lat/Long: 40° 15' X 121° 03', Klamath Falls Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Oakland Center	follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Whitmore 3 MOA	NA	NA	1,100' to 17,999' MSL	???
China MOA	NA	NA	1,500' AGL to 17,999' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
IR-207	M:N	5 nm either side of the center line	500' AGL to 10,000' MSL	???
IR-207	N:O	5 nm either side of the center line	500' AGL to 10,000' MSL	???

Daily Contact Note lookout tower, L-13
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 6

Lat/Long: 39° 50' X 118° 04', San Francisco Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Oakland Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
Gabbs North MOA	N/A	N/A	100' AGL to 17,999' MSL	???
R-4813 Carson Sink	N/A	N/A	surface to 17,999' MSL	???
R-4816N Dixie Valley	N/A	N/A	1,500' AGL to 17,999' MSL	???

Daily Contact
Remarks:

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	NAS Lemoore	559-998-1034	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
VR-1252	F:G	3 nm either side of center line	200' AGL to 1,500' AGL	???
VR-1252	G:H	3 nm either side of center line	200' AGL to 1,500' AGL	???
VR-1264	F:G	6 nm either side of center line	200' AGL to 1,500' AGL	???

Daily Contact After 5 NM out numerous other routes may need attention
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 7

Lat/Long: 37° 40' x 121° 32', San Francisco Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	Oakland Center	Follow local policy	????	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
R-2531 Tracy	N/A	N/A	surface to 3,999' MSL	???

Daily Contact
Remarks:

Note: Livermore Labs are to the west (National Security Area)

Talk to Oakland Center about Victor-195

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 8

Lat/Long: 39° 32' x 121° 03', San Francisco Sectional

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)
Today	N/A	N/A	???	Student Name

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not
N/A	N/A	N/A		

Daily Contact
Remarks:

Note: 8 NM to China MOA and VR-202

Date	Scheduling Activity (MTR) Controlling Agency (MOA)	Commercial Phone #	Contact Made to: (Scheduler or Controller's name)	Contact made by: (Dispatcher's name)

Airspace Identification (SUA or MTR)	Segment Affected (MTR)	Width (MTR)	Altitudes	Hot or Not

Daily Contact
Remarks: