Federal Aviation Administration

Initial En Route Qualification Training

Handout

Computer Message

Checklist

Message Practice 1-3

Course 50148001

Page intentionally left blank

MESSAGE PRACTICE 1

Do only the tasks listed below. Further actions may cause the computer to shut down!

	Call sign	Instructor tasks	Task description for student
1		Take most handoffs during scenario	Identify the EDST toolbar buttons.
2			Open Outage and Status Views & acknowledge and then close.
3			Check SIGMETS, GI msgs, Msg Waiting (now and throughout scenario).
4			Size the ACL and DL. Open the Tools menu, open the OPTIONS menu, select Display Coordination column and Drop track Delete.
5			Keep up with A/C on freq by using bookkeeping box.
6			Change posting modes from manual to automatic on both the ACL and DL.
7			Close the UA.
8			Use the bookkeeping box to identify aircraft on frequency and keep it current throughout the scenario.
9			Open the MCA by typing WR VKS <ENTER>, then close the MCA.
10			ID the 3 trackball buttons & state function of each. Discuss Hot Box incl. trackball selections
11			Change the ACL sort order to non-sector/destination airport.
12			Move KVKS/KGWO/0M8 arrivals to the special posting area (SPA).
13	SWA442		Answer the message waiting light, read the message, and close the update area (UA).
14		Issue app clnc	Move N7385B to SPA when cleared approach (if not already in the SPA).
15			KEEP N7385B.
16			Highlight an entry using the hotbox.
17	N441CA		In the DL, move to the SPA and use free-form text to indicate an EDCT of 0230.
18	DAL123		Identify and delete the IAFDOF color coding.
19	UAL369		Identify the color coding for the APR and highlight the route - **EXIT WITH NO CHANGES SINCE APR HAS NOT BEEN TAUGHT YET.**
20			Open the SIGMET, print, suppress, and restore the SIGMET.
21			Display wind data, re-center the wind grid display, and then change the display range.

This practice is 30 minutes in duration. If the student finishes early have them complete some of the above tasks a second time (NO NEW TASKS).

Student Notes:

Student Notes:

MESSAGE PRACTICE 2

Hard Labeled Keys

Do only the tasks below. Further actions may cause the computer to shut down!

	Call sign	Instructor tasks	Task description for student
1		Take most handoffs during scenario	Open Outage and Status Views & acknowledge and then close each.
2			Check SIGMETS, GI msgs, Msg Waiting (now and throughout scenario).
3			Size the ACL and DL. Open the Tools menu; open the OPTIONS menu, select Display Coordination column and Drop track Delete.
4			Keep up with A/C on freq by using bookkeeping box.
5			Change posting modes from manual to automatic on both the ACL and DL.
6			Close the UA.
7			Use the bookkeeping box to identify aircraft on frequency and keep it current throughout the scenario.
8		Leave two handoffs for the student	Accept 2 handoffs in the scenario.
9	KEEP02		Enter flight plan using FP hard labeled key. KEEP02 F16/W 2341 370 MLU E0410 190 KDAL./.MLU MHZ MEI KBHM
10	N441KP		Enter flight plan using FP hard labeled key. N441KP C441/A 2252 180 KJAN P0415 080 KJAN MEI LGC4 KATL
11			Send a pointout to 67 on SWA442 when appropriate - no call
12	N12345	Issue code and identify	Enter VP flight plan -**DATA BLOCK IS ON DISPLAY.** VFR is N12345 C172/G destination KMEM
13			Offset 3 data blocks
14			Change leader length 3 times.
15			Change the offset and leader length at the same time 3 times.
16			Force and remove a data block not in your sector.
17	N12345		Drop track
18			Initiate 2 handoffs as required.
19			Enter a heading in the fourth line for any aircraft and then remove it. (QS message).
20			Enter a speed in the fourth line for any aircraft and then remove it. (QS message).
21			Enter a heading and speed together in the 4th line and then remove them. (QS message).
22	N8720F		Enter DN in the 4th line
23		Issue code and identify	Enter VP flight plan – **WAIT FOR DATA BLOCK to display by VKS 23 minutes into the scenario.** VFR IS N34789 C172/G route MON..KLLQ
			CONTINUED ON THE NEXT PAGE

MESSAGE PRACTICE 2 (cont'd)

Hard Labeled Keys

Do only the tasks below. Further actions may cause the computer to shut down!

		Note:	Some duplicate flights e.g. DAL123/4 (DAL123/DAL124) are available for timing issues.
24	DAL123/4	Issue clnc.	Change route with the route key direct TUL then KLAX
25	N65043/4	Issue clnc.	Using route key change destination to KABQ.
26	UAL368/9	Issue clnc.	Change route via 6, 7, 10 to MLU KDFW
27	UAL368/9		Show a route display using max number of minutes then 5 minutes
28			Remove all route lines from the display.
29			Put halo around 2 aircraft, remove one, then remove remaining.
30			Suppress a full data block under our control. Unsuppress it.
31			Insert an interim altitude on any aircraft then delete the interim altitude.
32	N34789		Remove strips
33	ENY472/3		Change equipment suffix from /W to /C using code button.
34	UAL135/6		Change equipment suffix from /W to /L using code button.
35	N441CA		Strip request a departure strip
36	AAL990/1	Issue clnc.	Change an assigned altitude.
37	N7859Q		Enter VP flight plan - **DATA BLOCK IS ON DISPLAY near VKS @ 36 minutes into the scenario.** VFR is N7859Q C172/G destination KMLU
38	ENY472/3	Issue clnc.	Change route via 6,7,10 to AEX OHIIO4 KHOU then show route.
39	UAL135/6	Issue clnc.	Change route via 6,7,10 to SUTTN J52 TXK KPHX then show route.

This practice is 45 minutes in duration. If the student finishes early have them complete some of the above tasks a second time (NO NEW TASKS).

Student Notes:

MESSAGE PRACTICE 3

EDST Entries - Templates

Do only the tasks below. Further actions may cause the computer to shut down!

	Call sign	Instructor tasks	Task description for student
1			Open Outage and Status Views & acknowledge and then close each.
2			Check SIGMETS, GI msgs, Msg Waiting (now and throughout scenario).
3			Size the ACL and DL. Open the Tools menu, open the OPTIONS menu, select Display Coordination column and Drop track Delete.
4			Keep up with A/C on frequency by using bookkeeping box.
5			Change posting modes from manual to automatic on both the ACL and DL.
6			Close the UA.
7			Use the bookkeeping box to identify aircraft on frequency and keep it current throughout the scenario.
8			Do the following using the EDST:
9			Show/discuss the NERD (non-editable route display)
10	SWA442	ARPT	8 Minutes into the scenario simulate alternate ARPT of KCOS for this aircraft
11		Explain exiting hold using the template vs. QU key	Put KJAN arrivals in hold. Teach: Clearing aircraft out of hold using the template requires cancel hold first, then update route and altitude. Clearing aircraft out of hold using QU hard-labeled key requires an update to route and then an altitude entry.
12			**(The following 4 aircraft will handoff to you IF the FP's are entered in time)**
13	KEEP01	handout	Enter flight plan using the template. KEEP01 T38/W 3356 430 HEZ E0612 190 KBTR./. HEZ MEM STL
14	KEEP02	handout	Enter flight plan using the template. KEEP02 F16/P 2341 370 MLU E0612 230 KDAL./.MLU MHZ MEI KBHM
15	N441KP	handout	Enter flight plan using the template. N441KP C441/G 2252 180KJAN P0620 080 KJAN MEI LGC4 KATL
16	N542KP	handout	Enter flight plan using the template. N542KP BE35/G 3412 130 KVKS P0625 090 KVKS MHZ V9 SQS HLI KNQA
17	N542KP		Amend type aircraft BE35 to BE36.
18	SWA1599		Amend equipment suffix to /W.
19			Amend speed to +30 knots.
20			Amend a call sign to **N8702F** and change it back again (remember what it was).
21	RAZOR11		Change route using template to SQS V535 HLI KLRF
22	AAL351	ARPT	22 Minutes into the scenario simulate alternate ARPT of KTPA for this aircraft
23	N441CA		In DL add remarks FRC.
24	N8720F	Issue clnc	Change altitude using ACL to FL200.
25	AAL201		Add and delete interim altitudes using ACL.
26	SWA1599	Issue clnc	Acknowledge and update ERT routing.
			CONTINUED ON THE NEXT PAGE

EDST Entries - Templates

Do only the tasks below. Further actions may cause the computer to shut down!

	Call sign	Instructor tasks	Task description for student
27	UAL369	Issue clnc	Amend the route using the ACL route box. EMG CQY1 KDFW
28	A/C landing KPHX	Issue clnc	Amend the route using the ACL box. Direct KHPX
29	A/C landing KLAX	Issue clnc	Amend the route using the ACL route box. Direct PNH KLAX
30	ENY472	Issue clnc	Wait until ENY472 is in our airspace and above JAN APCH. Use coordination menu to simulate a point out to JAN APCH if: ENY472 were to descend to 100.
31			Put KJAN arrivals in hold.
32	SWA1600	Issue clnc	Acknowledge and update ERT routing.
33	N560CC		Using heading/speed column, add a heading in 4th line & scratch pad. Then remove both.
34	UAL357	ARPT	34 minutes into the scenario, simulate alternate ARPT of KABQ for this aircraft.
35	N560CC		Using heading/speed column, add a speed in the 4th line and scratch pad. Then remove both.
36	N825LR		Enter a scratch pad heading and speed and convert both to 4th line data.
37	SWA1601	Issue clnc	Acknowledge and update ERT routing
38	SWA1602	Issue clnc	Acknowledge and update ERT routing
39	A/C landing KSTL	Issue clnc	Using 6-7-10, update route to: SGF KOOOP1 KSTL (Don't forget down arrow)

This practice is 45 minutes in duration. If the student finishes early have them complete some of the above tasks a second time (NO NEW TASKS).

Student Notes: