

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ZIMMR	FOUR	ZIMMR4.ZIMMR	THREE	8/12/21	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8: CLIMB ON HEADING 082.53 TO 5934, THEN ON HEADING 082.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 16L: CLIMB ON HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 16R: CLIMB ON HEADING 172.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 17L: CLIMB ON HEADING 172.54 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 172.53 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 25: CLIMB ON HEADING 262.51 TO 5934, THEN RIGHT TURN DIRECT TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 34L, 34R: CLIMB ON HEADING 352.51 TO INTERCEPT COURSE 262.80 TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 352.53 TO INTERCEPT COURSE 271.00 TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 352.54 TO INTERCEPT COURSE 269.00 TO CROSS MUGBE AT OR BELOW 10000, THEN ON TRACK 263.79 TO CROSS WEGEL AT OR ABOVE 11000, THEN ON TRACK 263.72 TO CROSS RALFI AT OR ABOVE 13000, THENCE ...

...ON TRACK 267.88 TO CROSS RAPDS AT OR ABOVE 14000 AND AT 250 KIAS, THEN ON TRACK 267.85 TO CROSS PCKNS AT OR ABOVE 16000, THEN ON TRACK 267.69 TO CROSS ZIMMR AT OR ABOVE 17000 AND AT 280 KIAS. THEN ON TRANSITION. MAINTAIN FL230. EXPECT HIGHER FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
CHNGY	ZIMMR4.CHNGY	ZIMMR	CHNGY	TRACK 265.82	37.28	17000	15700	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

TAKEOFF RWY 8 RADAR REQUIRED.

TAKEOFF RWYS 16L/R, 17L/R, 25, 34L/R, 35L/R RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ZIMMR	FOUR	ZIMMR4.ZIMMR	THREE	8/12/21	

PROCEDURAL DATA NOTES:

NOTE: TURBOJETS ONLY.

NOTE: ACCELERATE TO 250 KT UPON REACHING 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS, ADVISE CLEARANCE DELIVERY PRIOR TO TAXI.

TAKEOFF MINIMUMS:

RWYS 7, 26: NA-ATC.

RWY 8: STANDARD.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 220 FT/NM TO 14000.

RWY 16R: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 225 FT/NM TO 14800.

RWY 17L: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 210 FT/NM TO 15500.

RWY 17R: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 215 FT/NM TO 14300.

RWY 25: STANDARD WITH MINIMUM CLIMB OF 425 FT/NM TO 5934, THEN MINIMUM CLIMB OF 230 FT/NM TO 15700.

RWY 34L: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 230 FT/NM TO 14600.

RWY 34R: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 220 FT/NM TO 15700.

RWY 35L: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 215 FT/NM TO 14000.

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 5934, THEN MINIMUM CLIMB OF 210 FT/NM TO 14500.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 16L/R, 17L/R, 25, 34L/R, 35L/R: 13691 FT AAO 400136.00N/1053903.00W

MSA:

DEN, 9700

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: FL230

AIRPORT MV: DEN 8E/2015

CHART: SPEED ICON MANDATORY SPEED 250 KIAS AT RAPDS.

CHART: SPEED ICON MANDATORY SPEED 280 KIAS AT ZIMMR.

CHART: MINIMUM CROSSING ALTITUDE AT RALFI - 13000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
DEN	DENVER	CO

COMMUNICATIONS:

CHART: D-ATIS DEP, CLNC DEL, CPDLC

FIXES AND/OR NAVAIDS:

REMARKS:

INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON TRAFFIC FLOW REQUIREMENTS.

RAPDS/ZIMMR SPEED RESTRICTIONS, PER ATC REQUEST TO FACILITATE PREDICTABLE TERRAIN AND AIRSPACE CLEARANCE ACROSS FLEET MIX.

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

50 FT VEGETATION HEIGHT USED. - PER PUBLISHED ODP.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ZIMMR	FOUR	ZIMMR4.ZIMMR	THREE	8/12/21	

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
----------------------------	------------------	---------------	-------------

<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
LEO PALMER	<i>Digitally signed by</i> LEO PALMER	AJV-A421	6/2/2025

<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
DAVE DANNER	Jun 24, 2025 SIGNATURE	AJV-A421	10/23/2025	MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR

CHANGES - REASONS:

- ADDED WEGEL WP WITH AN ALTITUDE RESTRICTION OF AT OR ABOVE 11000 - ATC REQUEST FOR PROCEDURAL SEPARATION.
- CHANGED ALTITUDE RESTRICTION AT RALFI WP FROM AT OR ABOVE 12000 TO AT OR ABOVE 13000 AND ADDED ADDITIONAL FLIGHT DATA NOTE "CHART: MINIMUM CROSSING ALTITUDE AT RALFI - 13000." - IAW 8260.46K APP E, SEC 1, PARA M 4, ATC REQUEST FOR PROCEDURAL SEPARATION FROM PINNR STAR.
- DP ROUTE DESCRIPTION THENCE INSTRUCTIONS: ADDED MANDATORY SPEED RESTRICTION OF 250 KIAS AT RAPDS WP, ADDED ADDITIONAL FLIGHT DATA NOTE "CHART SPEED ICON: MANDATORY SPEED 250 KIAS AT RAPDS." - ATC REQUEST TO FACILITATE PREDICTABLE TERRAIN AND AIRSPACE CLEARANCE ACROSS FLEET MIX. IAW 8260.46K SEC 2 PARA 2-1-5 H.
- DP ROUTE DESCRIPTION THENCE INSTRUCTIONS: ADDED MANDATORY SPEED RESTRICTION OF 280 KIAS AT ZIMMR WP, ADDED ADDITIONAL FLIGHT DATA NOTE "CHART SPEED ICON: MAXIMUM SPEED 280 KIAS AT ZIMMR." - ATC REQUEST TO FACILITATE PREDICTABLE TERRAIN AND AIRSPACE CLEARANCE ACROSS FLEET MIX. IAW 8260.46K SEC 2 PARA 2-1-5 H.
- CHANGED MOCA ON ZIMMR TO CHNGY SEGMENT FROM 15800 TO 15700 - NEW TERRAIN/OBSTACLE EVALUATION.
- ADDED MSA OF 9700 - IAW 8260.46K SEC 3 PARA 3-1-2
- REMOVED AIRPORT NAME FROM AIRPORTS SERVED - IAW 8260.46K CH 2 PARA 2-1-1 J
- MOVED "RNAV 1-DME/DME/IRU OR GPS REQUIRED" FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES- IAW 8260.46K DOCUMENTATION STANDARDS.
- MOVED "TAKEOFF RWY 8 RADAR REQUIRED NOTE" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46K DOCUMENTATION STANDARDS.
- MOVED "TAKEOFF RWYS 16L/R, 17L/R, 25, 34L/R, 35L/R, RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT NOTE FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46K DOCUMENTATION STANDARDS.
- DELETED DENVER DEPARTURE CONTROL FROM COMMUNICATIONS - IAW 8260.46K DOCUMENTATION STANDARDS.
- CHANGED "NOTE: ACCELERATE TO 250K OR GREATER UPON REACHING 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS, ADVISE CLNC DEL PRIOR TO TAXI" TO "ACCELERATE TO 250 KT UPON REACHING 10000. IF SLOWER SPEED IS REQUIRED TO MEET CROSSING RESTRICTIONS, ADVISE CLNC DEL PRIOR TO TAXI." - ATC REQUEST.
- COMMON ROUTE CONTROLLING OBSTACLE CHANGED FROM "RWY 16L/R, 17L/R, 25, 34L/R, 35L/R: 13702 FT MSL AAO 400135.14N/1053900.78W" TO "RRWY 16L/R, 17L/R, 25, 34L/R, 35L/R: 13691 FT AAO 400136.00N/1053903.00W" - TARGETS TERRAIN EVAL.
- REMARKS: ADDED "50 FT VEGETATION HEIGHT USED. - PER PUBLISHED ODP." - FOR FUTURE PROCEDURE DEVELOPMENT CONSIDERATION.
- ADDITIONAL FLIGHT DATA MAGVAR NOTE CHANGED FROM "REFERENCE MAG VAR: KDEN 8E EPOCH YR: 2015" TO "AIRPORT MV: DEN 8E/2015. - IAW 8260.46K DOCUMENT STANDARDS.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ZIMMR	FOUR	ZIMMR4.ZIMMR	THREE	8/12/21	

- SEPARATED AND REFORMATTED DP ROUTE DESCRIPTIONS. - SLIGHT VARIANCES IN SOME RUNWAY HEADINGS.

- COORDINATED WITH CHANGED FROM "ZDV, DEN APP CON, CO AERO MGR, DEN APT MGR CLNC DEL, ATIS, GND, DEN ATCT, DEP CON" TO "ZDV, DEN ATCT, DEN APP CON, CO AERO, AMGR". - REMOVED ERRONEOUS OFFICES/ORGS, MATCHES IAP'S IAW 8260.46K APP E SECT 1 PARA 2 V.

- RWY 8 DP ROUTE VA HEADING CHANGED FROM 82.56 TO 082.53, THEN ON HEADING CHANGED FROM 82.55 TO 82.53. - ACTIVE AIRNAV DATA SHOWS RWY 8 TC 090.5290 FOR VA LEG, VM UPDATED AS CONTINUATION OF RUNWAY HEADING.

- REMARKS: "INITIAL CLIMB GRADIENTS ARE BASED ON LNAV ENGAGEMENT" CHANGED TO "INITIAL MINIMUM CLIMB GRADIENTS ARE BASED ON TRAFFIC FLOW REQUIREMENTS." TO BETTER DEFINE REASON FOR INITIAL CLIMB GRADIENTS.

- THE VERBIAGE "...OR FILED LOWER ALTITUDE" WAS REMOVED FROM COMMON ROUTE. - IAW 8260.46K DOCUMENTATION STANDARDS.

- COMMON ROUTE INSTRUCTIONS: REMOVED "THENCE" AND CHANGED "(TRANSITION)" TO TRANSITION. - IAW 8260.46K DOCUMENTATION STANDARDS.

REMARKS: ADDED "RAPDS/ZIMMR SPEED RESTRICTIONS, PER ATC REQUEST TO FACILITATE PREDICTABLE TERRAIN AND AIRSPACE CLEARANCE ACROSS FLEET MIX." - FOR SPEED RESTRICTION CLEARIFICATION.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
ZIMMR		FOUR		ZIMMR4.ZIMMR		THREE		8/12/21			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW8 (AER)	395239.20N/1043944.03W	N	-	-	-	-					
5934 MSL	-	-	-	VA	090.53	-	AT/ABOVE 5934				
-	-	-	-	VM	090.53	-					
RW16L (AER)	395349.33N/1044112.50W	N	-	-	-	-			CG 400 FT/NM TO 5934 THEN CG 220 FT/NM TO 14000		
5934 MSL	-	-	-	VA	180.51	-	AT/ABOVE 5934				
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000				
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000				
RW16R (AER)	395344.87N/1044145.90W	N	-	-	-	-			CG 400 FT/NM TO 5934 THEN CG 225 FT/NM TO 14800		
5934 MSL	-	-	-	VA	180.51	-	AT/ABOVE 5934				
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000				
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000				
RW17L (AER)	395153.83N/1043828.70W	N	-	-	-	-			CG 400 FT/NM TO 5934 THEN CG 210 FT/NM TO 15500		
5934 MSL	-	-	-	VA	180.54	-	AT/ABOVE 5934				
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000		RIGHT TURN		
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000				
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000				



DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
ZIMMR		FOUR					ZIMMR4.ZIMMR		THREE		8/12/21			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
RW17R (AER)	395140.48N/1043936.56W	N	-	-	-	-	CG 400 FT/NM TO 5934 THEN CG 215 FT/NM TO 14300							
5934 MSL	-	-	-	VA	180.53	-	AT/BELOW 5934							
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000							
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000							
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000							
RW25 (AER)	395026.37N/1044102.17W	N	-	-	-	-	CG 425 FT/NM TO 5934 THEN CG 230 FT/NM TO 15700							
5934 MSL	-	-	-	VA	270.51	-	AT/BELOW 5934							
MUGBE	395555.60N/1045416.43W	Y	FB	DF	-	-	AT/BELOW 10000							
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000							
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000							
RW34L (AER)	395106.79N/1044147.72W	N	-	-	-	-	CG 400 FT/NM TO 5934 CG 230 FT/NM TO 14600							
-	395546.84N/1044144.49W	-	-	VI	000.51	4.66								
MUGBE	395555.60N/1045416.43W	Y	FB	CF	270.80	9.64	AT/BELOW 10000							
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000							
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000							
RW34R (AER)	395150.77N/1044113.88W	N	-	-	-	-								
-	395546.42N/1044111.15W	-	-	VI	000.51	3.92	CG 400 FT/NM TO 5934 THEN CG 220 FT/NM TO 15700							
MUGBE	395555.60N/1045416.43W	Y	FB	CF	270.80	10.07	AT/BELOW 10000							
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000							
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000							

QUALITY

8

0000

QUALITY
8
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ZIMMR		FOUR		ZIMMR4.ZIMMR		THREE		8/12/21	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW35L (AER)	394941.93N/1043937.98W	N	-	-	-	-			CG 400 FT/NM TO 5934 THEN CG 215 FT/NM TO 14000
-	395407.12N/1043934.79W	-	-	VI	000.53	4.42			
MUGBE	395555.60N/1045416.43W	Y	FB	CF	279.00	11.45	AT/BELOW 10000		
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000		
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000		
RW35R (AER)	394955.27N/1043830.16W	N	-	-	-				CG 400 FT/NM TO 5934 THEN CG 210 FT/NM TO 14500
-	395424.73N/1043826.85W	-	-	VI	000.54	4.49			
MUGBE	395555.60N/1045416.43W	Y	FB	CF	277.00	12.27	AT/BELOW 10000		
WEGEL	395604.79N/1050046.25W	Y	FB	TF	271.79	5.00	AT/ABOVE 11000		
RALFI	395621.49N/1051318.63W	Y	FB	TF	271.72	9.65	AT/ABOVE 13000		
RALFI	395621.49N/1051318.63W	Y	-	IF	-	-	AT/ABOVE 13000		
RAPDS	395709.27N/1052327.57W	Y	FB	TF	275.88	7.85	AT/ABOVE 14000	AT 250K	
PCKNS	395754.80N/1053309.94W	Y	FB	TF	275.85	7.50	AT/ABOVE 16000		
ZIMMR	395824.42N/1053938.41W	Y	FB	TF	275.69	5.00	AT/ABOVE 17000	AT 280K	
ZIMMR	395824.42N/1053938.41W	Y	-	IF	-	-			ZIMMR4.CHNGY
CHNGY	400043.48N/1062803.36W	Y	FB	TF	273.82	37.28			

