

US Department of Transportation
Federal Aviation Administration

STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP/ FIX/NAVAID	(d) To RNAV WP/ FIX/NAVAID	(e) Mag Course/ Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
ALBANY	ALB.VALRE5	ALB VORTAC ATHOS INT WIGAN INT IGN VOR/DME	ATHOS INT WIGAN INT IGN VOR/DME VALRE INT	193.76/30.00 (ALB R-194) 193.76/9.72 (ALB R-194) 192.74/25.17 (IGN R-013) 203.01/14.06 (IGN-203)	8000 8000 5000 5000			
VEERS	VEERS.VALRE5	VEERS INT PWL VOR/DME IGN VOR/DME	PWL VOR/DME IGN VOR/DME VALRE INT	250.99/16.41 (PWL R-071) 249.94/11.76 203.01/14.06 (IGN R-203)	5000 5000 5000			
DELANCY	DNY.VALRE5	DNY VORTAC WEETS INT IGN VOR/DME	WEETS INT IGN VOR/DME VALRE INT	130.28/39.03 (DNY R-130) 136.47/20.42 (IGN R-316) 203.01/14.06 (IGN R-203)	7000 5000 5000			

(2) Arrival Route Description:

FROM OVER VALRE INT ON DPK R-338 TO BASYE INT (MEA 5000), THEN TO HAARP INT (MEA 5000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO HAARP INT.

(3) Procedural Data Notes:

- NOTE: RADAR REQUIRED.
- NOTE: STAR APPLICABLE TO AIRCRAFT CAPABLE OF 250 KIAS OR GREATER.
- CHART: EXPECT TO CROSS VALRE INT AT 6000.

(4) Fixes and/or Holding Patterns:

CHART: CTR VOR/DME, HFD VOR/DME, HVO VOR/DME, LGA VOR/DME.
CHART HOLDING PATTERNS: IGN VOR/DME (HOLD N, RT, 192.74 INBOUND, 10 NM LEGS); VALRE INT (HOLD N, RT, 203.01 INBOUND, 10 NM LEGS).

(5) Communications: CHART: BOSTON ARTCC 128.1/351.7; NEW YORK APP CON 126.4/120.8/257.65; WESTCHESTER COUNTY ATIS; DANBURY MUNI ATIS.

QUALITY
3
CHECKED

(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
VALRE	FIVE	VALRE.VALRE5	FOUR	31 MAY 12	17 OCT 2013

(12) Airports Served					
Airport Name WESTCHESTER COUNTY		City/State WHITE PLAINS, NY			
Airport Name DANBURY MUNI		City/State DANBURY, CT			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
(13) Lost Communications Procedure:					
(14) Remarks:					
(15) Additional Flight Data: CHART: ALB R-211 AND PWL R-293 AT WEETS INT; CTR R-279 AT ATHOS INT; DNY R-107 AT WIGAN INT; HFD R-309 AT VEERS INT; HUO R-098 AT VALRE INT; HUO R-107 AT BASYE INT; LGA R-044 AT HAARP INT. CHART: HPN LOCALIZER RWY 16; FARAN INT ON HPN LOCALIZER RWY 16.					
(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated	(11) Effective Date
VALRE	FIVE	VALRE.VALRE5	FOUR	31 MAY 12	17 OCT 2013

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3
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STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALB	ALB	010		IF		FB					
	ALB	ATHOS	020		TF		FB					
	ALB	WIGAN	030		TF		FB					
	ALB	IGN	040		TF		FB					
	ALB	VALRE	050		TF		FB					
	DNY	DNY	010		IF		FB					
	DNY	WEETS	020		TF		FB					
	DNY	IGN	030		TF		FB					
	DNY	VALRE	040		TF		FB					
	VEERS	VEERS	010		IF		FB					
	VEERS	PWL	020		TF		FB					
	VEERS	IGN	030		TF		FB					
	VEERS	VALRE	040		TF		FB					
	ALL	VALRE	010		IF		FB					
	ALL	BASYE	020		TF		FB					
	ALL	HAARP	030		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALB	N424450.21	W0734811.47	N4244.837	W07348.191
	DNY	N421041.81	W0745724.99	N4210.697	W07457.417
	IGN	N413955.62	W0734920.01	N4139.927	W07349.334
	PWL	N414611.18	W0733601.99	N4146.186	W07336.033
	ATHOS	N421449.49	W0734843.56	N4214.825	W07348.726
	BASYE	N412037.40	W0734754.99	N4120.623	W07347.917
	HAARP	N410658.87	W0733536.54	N4106.981	W07335.609
	VALRE	N412607.18	W0735254.25	N4126.120	W07352.904
	VEERS	N415437.12	W0731711.76	N4154.619	W07317.196
	WEETS	N415126.98	W0741151.51	N4151.450	W07411.859
	WIGAN	N420506.33	W0734853.89	N4205.106	W07348.898
	RW11	N410401.39	W0734256.74	N4104.023	W07342.946
	RW16	N410431.99	W0734247.90	N4104.533	W07342.798
	RW29	N410354.69	W0734216.47	N4103.912	W07342.275
	RW34	N410336.00	W0734205.05	N4103.600	W07342.084

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH



(11) Arrival Name VALRE	(12) Number FIVE	(13) STAR Computer Code VALRE.VALRE5	(14) Superseded Nr. FOUR	(15) Dated 05/31/2012	(16) Effective Date 17 OCT 2013
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RW11	00397	54
RW16	00439	55
RW29	00387	50
RW34	00380	56

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	ALB	WIGAN	030		TF		FB					
	ALB	IGN	040		TF		FB					
	ALB	VALRE	050		TF		FB					
	DNY	DNY	010		IF		FB					
	DNY	WEETS	020		TF		FB					
	DNY	IGN	030		TF		FB					
	DNY	VALRE	040		TF		FB					
	VEERS	VEERS	010		IF		FB					
	VEERS	PWL	020		TF		FB					
	VEERS	IGN	030		TF		FB					
	VEERS	VALRE	040		TF		FB					
	ALL	VALRE	010		IF		FB					
	ALL	BASYE	020		TF		FB					
	ALL	HAARP	030		TF		FB					

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	DNY	N421041.81	W0745724.99	N4210.697	W07457.417
	IGN	N413955.62	W0734920.01	N4139.927	W07349.334
	PWL	N414611.18	W0733601.99	N4146.186	W07336.033
	ATHOS	N421449.49	W0734843.56	N4214.825	W07348.726
	BASYE	N412037.40	W0734754.99	N4120.623	W07347.917
	HAARP	N410658.87	W0733536.54	N4106.981	W07335.609
	VALRE	N412607.18	W0735254.25	N4126.120	W07352.904
	VEERS	N415437.12	W0731711.76	N4154.619	W07317.196
	WEETS	N415126.98	W0741151.51	N4151.450	W07411.859
	WIGAN	N420506.33	W0734853.89	N4205.106	W07348.898
	RW08	N412208.56	W0732922.22	N4122.143	W07329.370
	RW17	N412233.12	W0732858.72	N4122.552	W07328.979
	RW26	N412219.91	W0732841.36	N4122.332	W07328.689
	RW35	N412209.50	W0732842.81	N4122.158	W07328.714

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

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RW08	00457	50
RW17	00452	50
RW26	00453	50
RW35	00453	50

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VALRE	FIVE	VALRE.VALRE5	FOUR	05/12/2012	17 OCT 2013