DESCEND VIA ARRIVAL PHRASEOLOGY

PHASE OF FLIGHT		SCENARIO	CONTROLLER		PILOT	
			ACTION	PHRASEOLOGY	ACTION	PHRASEOLOGY
ENROUTE		STAR was filed IFR flight plan & aircraft was cleared "as filed."	• None required.	NA	• Track the lateral path of the STAR. • **Comply with published speed restrictions**. • Maintain last assigned altitude.	NA
		Assign a STAR to an IFR aircraft.	• Clear aircraft to a fix on STAR, if required. • Assign the STAR.	*"American Two, Proceed Direct Charleston VORTAC, Cleared TYLER Two Arrival."*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • **Maintain last assigned altitude**.	*"American Two, Proceed Direct Charleston VORTAC, Cleared TYLER Two Arrival."*
DESCENT	**ALTITUDE**	Initiate a descent to an aircraft on a STAR. Issue descent at pilot's discretion, if required.	• Issue the altitude to maintain. • Issue the attitude to maintain with descent at pilot's discretion.	*American Two Descend Now To Flight Level Three One Zero, Then Descend at Pilot's Discretion Maintain Flight Level Two Four Zero."*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Begin descend now to FL 310. • Then, descend at pilot's discretion to FL 240.	*"American Two, Descend Now To Flight Level Three One Zero, Then Descend at Pilot's Discretion Maintain Flight Level Two Four Zero."*
		[ENROUTE CONTROLLER] Instruct an aircraft to descend and comply with all restrictions published on a STAR.	• Instruct aircraft to descend via the STAR. • Advise of landing <u>direction</u>, if applicable.	*"American Two, Descend Via The TYLER Two Arrival, Landing North"*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Descend at pilot's discretion from the last assigned altitude to comply with all published altitude restrictions.	*"American Two, Descend Via, The TYLER Two Arrival, Landing North"*
		[TERMINAL CONTROLLER] Instruct an aircraft to descend and comply with all restrictions published on a STAR.	• Instruct aircraft to descend via the STAR. • Advise of landing <u>runway</u>, if applicable.	*"American Two, Descend Via The TYLER Two Arrival, Runway One Center"*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Descend at pilot's discretion from the last assigned altitude to comply with all published altitude restrictions.	*"American Two, Descend Via, The TYLER Two Arrival, Runway One Center"*
		Assign a waypoint altitude restriction, and then instruct an aircraft to descend and comply with all restrictions published on a STAR.	• Issue the altitude crossing clearance. • Then, instruct aircraft to descend via the STAR.	*"American Two, Cross GARYM At Flight Level Two Four Zero, Then Descend Via The TYLER Two Arrival."*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Descend at pilot's discretion to cross GARYM at FL 240. • Then, descend at pilot's discretion to comply with all published altitude restrictions.	*""American Two, Cross GARYM At Flight Level Two Four Zero, Then Descend Via The TYLER Two Arrival"*
		Instruct an aircraft to descend and comply with all restrictions published on a STAR, ***but*** assign "Bottom Altitude" ***that differs*** from that published on the STAR.	• Instruct aircraft to descend via the STAR. • Specify the fix after which the new "Bottom Altitude will apply. • There should be no published altitude restrictions between this fix and the new "Bottom Altitude". • Assign the new "Bottom Altitude".	*"American Two Descend Via The TYLER Two Arrival Except After ARGHI Maintain Seven Thousand."*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Comply with published altitude restrictions until ARGHI, then descend & maintain the ATC-assigned "Bottom Altitude".	*American Two, Descend Via The TYLER Two Arrival Except After ARGHI Maintain Seven Thousand."*
		Instruct an aircraft to descend and comply with all restrictions published on a STAR, but assign an altitude restriction at a waypoint ***that differs*** from that published at that waypoint on the STAR.	• Instruct aircraft to descend via the STAR. • Amend the waypoint's altitude restriction.	*"American Two, Descend Via The TYLER Two Arrival, Except Cross ARGHI At One Zero Thousand."*	• Track the lateral path of the STAR. • Comply with published speed restrictions. • Comply with published altitude restrictions except cross ARGH at the ATC-assigned altitude.	*"American Two, Descend Via The TYLER Two Arrival, Except Cross ARGHI At One Zero Thousand"*

DESCEND VIA ARRIVAL PHRASEOLOGY

PHASE OF FLIGHT		SCENARIO	CONTROLLER		PILOT	
			ACTION	PHRASEOLOGY	ACTION	PHRASEOLOGY
DESCENT	SPEED	Instruct an aircraft to descend and comply with **altitude** restrictions published on a STAR, but issue a speed to maintain during the descent.	• Instruct aircraft to descend via the STAR. • Issue a speed to be maintained in the descent.	*"American Two, Descend Via The TYLER Two Arrival, Landing North, Except Maintain Three Zero Zero Knots."*	• Track the lateral path of the STAR. • Descend at pilot's discretion from the last assigned altitude to comply with all published altitude restrictions. • Delete speed restrictions published on the STAR. • Maintain speed 300 KIAS until required to slow to 250 KIAS below 10,000' (ref 14 CFR 91.117).	*"American Two, Descend Via The TYLER Two Arrival Landing North, Except Maintain Three Zero Zero Knots."*
		Issue an altitude to cross a waypoint, then instruct aircraft to descend and comply with the altitude restrictions published on the STAR, but assign a speed to maintain instead of complying with the published speed restrictions on the STAR.	• Assign the waypoint's altitude restriction. • **_Then_**, instruct aircraft to descend via the STAR. • Issue the speed to be maintained.	*"American Two, Cross LMOND At Or Above One Seven Thousand, Then Descend Via TYLER Two Arrival, Except Maintain Three Zero Zero Knots"*	• Track the lateral path of the STAR. • Cross LMOND at 17,000', • Then descend at pilot's discretion to comply with all published altitude restrictions. • Delete speed restrictions published on the STAR. • Maintain speed 300 KIAS until required to slow to 250 KIAS below 10,000' (ref 14 CFR 91.117).	*"American Two, Cross LMOND At Or Above One Seven Thousand, Then Descend Via TYLER Two Arrival, Except Maintain Three Zero Zero Knots"*
	ROUTE	ATC must vector an aircraft away from the lateral path of a STAR with altitude restrictions.	• Assign a heading to maintain. • State the purpose of the vector. • Assign an altitude to maintain. • Advise pilot to expect to resume STAR.	*"American Two, Fly Heading Zero Niner Zero, Vectors For Spacing. Descend And Maintain Niner Thousand. Expect to resume the TYLER Two Arrival"*	• Fly heading 090. • Descend and maintain 9,000' • Be prepared to resume the TYLER Two STAR. • Do not sequence FMS beyond the STAR.	*American Two, Fly Heading Zero Niner Zero. Descend And Maintain Niner Thousand."*
		Clear an aircraft to re-join the STAR at a waypoint **with** a published altitude restriction, then instruct the aircraft to descend and comply with all published restrictions on the STAR.	• Clear the aircraft to the waypoint with a published altitude restriction. • Instruct aircraft to descend via the STAR. • Ensure obstacle clearance until the aircraft is established on the lateral and vertical path of the STAR.	*"American Two, Proceed Direct GARYY, Descend Via TYLER Two Arrival"*	• Proceed direct to GARYY & resume the STAR. • Comply with any speed restriction, if published, at GARYY. • Descend at pilot's discretion to comply with the altitude restriction published at GARYY. • Descend & comply with all restrictions published on the remainder of the STAR.	*"American Two, Proceed Direct GARYY, Descend Via TYLER Two Arrival"*
		Clear an aircraft to re-join the STAR at a waypoint **that does not have** a published altitude restriction, then instruct the aircraft to descend and comply with all published restrictions on the STAR.	• Clear the aircraft to the waypoint. • Assign an altitude to cross the waypoint. • Then, instruct aircraft to descend via the STAR. • Ensure obstacle clearance until the aircraft is established on the lateral and vertical path of the STAR.	*"American Two, Proceed Direct BTOWN, Cross BTOWN At Or Above One Zero Thousand, Then Descend Via TYLER Two Arrival"*	• Proceed direct to BTOWN & resume the STAR. • Comply with any speed restriction, if published, at BTOWN. • Descend at pilot's discretion to cross BTOWN at or above 10,000'. • Then, descend & comply with all restrictions published on the remainder of the STAR.	*"American Two, Proceed Direct BTOWN, Cross BTOWN At Or Above One Zero Thousand, Then Descend Via TYLER Two Arrival"*
	GENERAL	Aircraft has been issued a descend via clearance with no change to the STAR's "Bottom Altitude". Aircraft is making the initial contact following a frequency change.	NA	NA	NA	*"American Two, Flight Level One Eight Zero, Descending Via The TYLER Two Arrival, Landing North."*
		Aircraft has been issued a descend via clearance **but with an ATC-assigned** "Bottom Altitude" of 7,000'. Aircraft is making the initial contact following a frequency change.	NA	NA	NA	*"American Two, Flight Level One Eight Zero For Seven Thousand, Descending Via The TYLER Two Arrival, Landing North."*