CLIMB VIA DEPARTURE PHRASEOLOGY

PHASE OF FLIGHT		SCENARIO	CONTROLLER		PILOT	
			ACTION	PHRASEOLOGY	ACTION	PHRASEOLOGY
INITIAL IFR CLEARANCE		Assign a SID or ODP with the initial IFR clearance.	• Assign a SID or ODP • Assigned an altitude when a ""Top Altitude"" is **not published** in the SID route description.	*"American Two, Cleared To Reynolds Airport; DAVID Two Departure, Kingham Transition; Then, As Filed, Maintain Niner Thousand…."*	• Comply with the lateral path of the DAVID Two SID, Kingham transition. • Climb <u>unrestricted</u> up to and then maintain 9000' MSL. • Comply with any published speed restrictions.	On initial contact *"American Two, Leaving Six Hundred, Climbing To Niner Thousand".*
			• Assign a SID with a ""Top Altitude"" published in the SID route description. The assigned altitude may be omitted and pilots instructed to "climb via SID" when a ""Top Altitude"" is published in the SID route description.	*"American Two, Cleared To Reynolds Airport; DAVID Two Departure, Kingham Transition; Then, As Filed, <u>**Climb Via SID….**</u>"*	• Comply with the lateral path of the DAVID Two SID, Kingham transition. • Comply with all published speed & altitude restrictions while climbing to the SID's published ""Top Altitude"" (e.g. FL 240).	On initial contact: *"American Two, Leaving Six Hundred, Climbing Via The DAVID Two Departure."*
			• Assign a SID that has published altitude restrictions but the ""Top Altitude"" **is not published or must be changed.** • Use the phrase "climb via SID except maintain" to assign the ""Top Altitude"".	*"American Two, Cleared To Reynolds Airport; DAVID Two Departure, Kingham Transition; Then, As Filed. <u>**Climb Via SID Except Maintain Flight Level Two Zero Zero**</u>…."*	• Comply with the lateral path of the DAVID Two SID, Kingham transition. • Comply with any published speed & altitude restrictions. • Climb to the ATC issued ""Top Altitude"" (FL 200) instead of the SID's published ""Top Altitude"" (e.g. FL 240).	On initial contact with departure control: *"American Two, Leaving Six Hundred For Flight Level Two Zero Zero Climbing Via The DAVID Two Departure."*
AFTER TAKEOFF	**ALTITUDE**	ATC desires an unrestricted climb-out and cancels all altitude restrictions.	• Clear aircraft for unrestricted climb • Cancel all published altitude restrictions.	*"American Two, Climb And Maintain Flight Level Two Four Zero"*	• Track the lateral path of the SID. • Climb from the current altitude to FL 240. • All published altitude restrictions are canceled. <u>**Speed restrictions remain in effect unless the controller explicitly cancels the speed restrictions.**</u>	*"American Two, Climb And Maintain Flight Level Two Four Zero"*
		ATC must interrupt the climb and assign an interim altitude to maintain while the aircraft continues to follow the SID's lateral path.	• Issue an altitude to maintain. • ATC must ensure obstacle clearance until the aircraft is re-established on the vertical path of the SID.	*American Two, Climb And Maintain Niner Thousand"*	• Track the lateral path of the SID. • Climb from the current altitude to 9000'. • All published altitude restrictions are canceled. <u>**Speed restrictions remain in effect unless the controller explicitly cancels the speed restrictions.**</u>	*"American Two, Climb And Maintain Niner Thousand"*
		ATC desires that the aircraft resume climb to the original ""Top Altitude"" while complying with all published altitude and speed restrictions on the SID.	• Instruct aircraft to resume climb & to comply with published altitude and speed restrictions.	*"American Two, Climb Via SID"*	• Track the lateral path of the SID. • Begin climb from the last assigned altitude to comply with all published altitude restrictions. • Comply with published speed restrictions.	*"American Two, Climb Via SID"*
		During the climb, ATC must assign an interim ""Top Altitude"" or assign a "Top Altitude"" **that differs** from that published on the SID.	• Instruct aircraft to climb via the SID to a specific fix published on the SID, • Then assign the new ""Top Altitude"".	*"American Two, Climb Via SID Except After BARET, Maintain Flight Level One Niner Zero"*	• Track the lateral path of the SID. • Comply with published speed restrictions. • Comply with published altitude restrictions up to BARET, then climb & maintain the ATC-assigned ""Top Altitude"".	*"American Two, Climb Via SID Except After BARET, Maintain Flight Level One Niner Zero"*
		Established on the SID, ATC must assign an altitude at a waypoint/fix **that differs** from the altitude restriction published on a SID.	• Instruct aircraft to climb via the SID. • Amend the altitude restriction at the desired waypoint/fix.	*"American Two, Climb via SID Except Cross MKALA At Or Above Seven Thousand."*	• Track the lateral path of the SID. • Comply with published speed restrictions. • Comply with published altitude restrictions, except cross MKALA at or above 7000'.	*"American Two, Climb via SID Except Cross MKALA At Or Above Seven Thousand."*

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AFTER TAKEOFF	SPEED	ATC must assign a speed restriction to a departing aircraft climbing in conjunction with a "climb via" clearance.	• Assign a speed to maintain until a waypoint/fix on the SID. • Then instruct aircraft to climb via the SID. _Issuing speed adjustments to aircraft flying procedures with published speed restrictions may impact the pilot's ability to fly the intended flight profile of the procedure_	_"American Two,_ _Cross ALISA At Two Two Zero Knots_ _Then Climb Via The DAVID Two Departure."_	• Track the lateral path of the SID. • Maintain speed 220 KT until crossing ALISA, then comply with published speed restrictions. • Climb to comply with all published altitude restrictions.	_"American Two,_ _Cross ALISA At Two Two Zero Knots_ _Then Climb Via The DAVID Two Departure."_
		ATC must amend the altitude restriction published at a waypoint/fix, after which the aircraft is to continue climb and comply with published altitude restrictions. In addition, ATC must assign a speed to maintain during the climb instead of the published speeds on the SID.	• Assign an altitude to cross the waypoint/fix. • Then Issue "Climb Via" clearance; however, assign a speed to maintain in place of the published speed restrictions.	_"American two,_ _Cross ALISA At One Zero Thousand,_ _Then Climb Via The DAVID Two Departure,_ _Except Maintain Two Two Zero Knots."_	• Track the lateral path of the SID. • Climb to cross ALISA at 10,000', then comply with published altitude restrictions. • Maintain speed 220 KT • Published speed restrictions **are canceled**.	_"American Two,_ _Cross ALISA At One Zero Thousand,_ _Then Climb Via The DAVID Two Departure, Except Maintain Two Two Zero Knots."_
	ROUTE	ATC must issue a heading and vector the aircraft off the lateral path of a SID 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 SID.	_"American Two, Fly Heading Zero Niner Zero, Vectors To Spacing. Maintain Eight Thousand. Expect To Resume The DAVID Two Departure"_	• Fly heading 090. • Maintain 8000' • Be prepared to resume the DAVID Two SID. Do not sequence FMS beyond the SID.	_American Two, Fly Heading Zero Niner Zero. Maintain Eight Thousand."_
		Clear an aircraft to re-join the SID at a waypoint/fix **with a** published altitude restriction then to comply with published altitude & speed restrictions.	• Clear the aircraft to a waypoint/fix with a published restriction. • Instruct the aircraft to climb via SID. • Ensure obstacle clearance until the aircraft is established on the lateral and vertical path of the SID.	_"American Two, Proceed Direct DVINE, Climb Via The DAVID Two Departure"_	• Proceed direct to DVINE & resume the DAVID Two SID. • Climb to comply with the altitude published at DVINE. • Climb to comply with the published altitude & speed restrictions.	_"American Two, Proceed Direct DVINE, Climb Via The DAVID Two Departure"_
		Clear an aircraft to re-join the SID at a waypoint/fix **without** a published altitude restriction, and then to comply with published altitude & speed restrictions.	• Clear the aircraft to a waypoint fix & assign an altitude to cross waypoint/fix. • Instruct the aircraft to climb via SID. • Ensure obstacle clearance until the aircraft is established on the lateral and vertical path of the SID.	_"American Two Proceed Direct DENIS, Cross DENIS At Or Above One Zero Thousand, Then Climb Via The DAVID Two Departure"_	• Proceed direct to DENIS & resume the DAVID Two SID. • Climb to cross DENIS at or above 10,000' • Climb to comply with the published altitude & speed restrictions.	_"American Two Proceed Direct DENIS, Cross DENIS At Or Above One Zero Thousand, Then Climb Via The DAVID Two Departure"_
	GENERAL	Instruct an aircraft to resume SID that contains speed and/or altitude restrictions	• Issue/reissue all applicable restrictions. • Advise aircraft to comply with restrictions or resume published speed.	_"American Two ,_ _Resume DAVID Two Departure,_ _Comply With Restrictions"_	• Comply with the altitude & speed restrictions published on the DAVID Two SID.	_"American Two, Resume DAVID Two Departure, Comply With Restrictions"_