Grammar Phrases

Grammar Phrases

Information

Activerunway

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Say active runway	*Say active runway, Lear Two Four Alpha*
Say active runway please <CallSign>	*Say active runway please, Lear Two Four Alpha*
Say active runway at <DepartureICAO> please <CallSign>	*Say active runway at Kilo Delta Sierra Mike please, Lear Two Four Alpha*
Say active runway at <DestinationICAO> please <CallSign>	*Say active runway at Kilo Oscar Mike Alpha please, Lear Two Four Alpha*

AirportAdvisory

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr

Rule	Sample
Say airport advisory at <DepartureICAO> <CallSign>	*Say airport advisory at Kilo Delta Sierra Mike, Lear Two Four Alpha*
Say Airport Advisory please <CallSign>	*Say Airport Advisory please, Lear Two Four Alpha*
Say the numbers for <DepartureICAO> <CallSign>	*Say the numbers for Kilo Delta Sierra Mike, Lear Two Four Alpha*
Say airport advisory for <DestinationICAO> <CallSign>	*Say airport advisory for Kilo Oscar Mike Alpha, Lear Two Four Alpha*
Say the numbers for <DestinationICAO> <CallSign>	*Say the numbers for Kilo Oscar Mike Alpha, Lear Two Four Alpha*

Altimeter

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr

Rule	Sample
Say altimeter for <CallSign>	*Say altimeter for Lear Two Four Alpha*
Say altimeter <CallSign>	*Say altimeter, Lear Two Four Alpha*

AssignedAltitude

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Say assigned altitude for <CallSign> please	*Say assigned altitude for Lear Two Four Alpha please*

Grammar Phrases

Frequency

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Say Clearance Delivery frequency for <CallSign>	*Say Clearance Delivery frequency for Lear Two Four Alpha*
Say Ground frequency for <CallSign>	*Say Ground frequency for Lear Two Four Alpha*
Say Tower frequency for <CallSign>	*Say Tower frequency for Lear Two Four Alpha*
Say Departure frequency for <CallSign>	*Say Departure frequency for Lear Two Four Alpha*
Say Center frequency for <CallSign>	*Say Center frequency for Lear Two Four Alpha*
Say Approach frequency for <CallSign>	*Say Approach frequency for Lear Two Four Alpha*
Say assigned frequency for <CallSign>	*Say assigned frequency for Lear Two Four Alpha*
Say Tower frequency at Kilo Delta Foxtrot Whiskey for <CallSign>	*Say Tower frequency at Kilo Delta Foxtrot Whiskey for Lear Two Four Alpha*

PatternAltitude

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

PatternDirection

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Say pattern direction for <Assignedrunway>	*Say pattern direction for runway zero five, Lear Two Four Alpha*
Say pattern direction for runway <runway>	*Say pattern direction for runway zero five, Lear Two Four Alpha*

RadioCheck

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr

Rule	Sample
<CallSign> radio check	*Lear Two Four Alpha, radio check*

SquawkCode

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Say Squawk code	*Say Squawk code, Lear Two Four Alpha*
Say Squawk code for <CallSign>	*Say Squawk code for Lear Two Four Alpha*

Grammar Phrases

Weather

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr
Rule	**Sample**
Please Say weather <CallSign>	*Please Say weather, Lear Two Four Alpha*
Say current weather <CallSign>	*Say current weather, Lear Two Four Alpha*
Say weather at <DepartureICAO> for <CallSign>	*Say weather at Kilo Mike India Mike for Lear Two Four Alpha*
Say weather at <DestinationICAO> for <CallSign>	*Say weather at Kilo Mike India Mike for Lear Two Four Alpha*

Winds

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr
Rule	**Sample**
Say winds	*Say winds, Lear Two Four Alpha*
Say winds at <DepartureICAO> for <CallSign>	*Say winds at Kilo Delta Sierra Mike for Lear Two Four Alpha*
Say winds at <DestinationICAO> for <CallSign>	*Say winds at Kilo Oscar Mike Alpha for Lear Two Four Alpha*

Report

Approach

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr
Rule	**Sample**
<CallSign> established on final for ILS runway <ActiveDestinationrunway>	*Lear Two Four Alpha established on final for ILS runway one four left*
<CallSign> established on final for Visual Straight in to runway <ActiveDestinationrunway>	*Lear Two Four Alpha established on final for Visual Straight in to runway one four left*
<CallSign> established on final for RNAV approach runway <ActiveDestinationrunway>	*Lear Two Four Alpha established on final for RNAV approach runway one four left*
<CallSign> established on final for Visual Straight in to runway <ActiveDestinationrunway> request the option	*Lear Two Four Alpha established on final for Visual Straight in to runway one four left, request the option*
<CallSign> established on final for ILS to runway <ActiveDestinationrunway> touch and go	*Lear Two Four Alpha established on final for ILS to runway one four left, touch and go*
<CallSign> established on final for NDB approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha established on final for NDB approach to runway one four left*
<CallSign> established on final for VOR approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha established on final for VOR approach to runway one four left*
<CallSign> inbound for ILS Approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound for ILS Approach to runway one four left*
<CallSign> inbound for RNAV Approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound for RNAV Approach to runway one four left*
<CallSign> inbound for Visual Straight In to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound for Visual Straight In to runway one four left*

Grammar Phrases

Rule	Sample
<CallSign> inbound for VOR Approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound for VOR Approach to runway one four left*
<CallSign> inbound for NDB Approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound for NDB Approach to runway one four left*
<CallSign> established on glide slope for ILS to runway <ActiveDestinationrunway> touch and go	*Lear Two Four Alpha established on glide slope for ILS to runway one four left, touch and go*

BackOnFreq

Allowed ATC Controllers	ClearanceDelivery; Ground; Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Departure; Center; Approach; RadarControl; RadarDirector; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> back on frequency	*Lear Two Four Alpha back on frequency*
<CallSign> back with you	*Lear Two Four Alpha back with you*

Checkin

Allowed ATC Controllers	Departure; Center; Approach; RadarControl; RadarDirector; App_Dep; Twr_Apr

Rule	Sample
<CallSign> climbing to <AssignedAltitude>	*Lear Two Four Alpha climbing to flight level three two zero*
<CallSign> at <AssignedAltitude>	*Lear Two Four Alpha at flight level three two zero*
<CallSign> descending to <AssignedAltitude>	*Lear Two Four Alpha descending to flight level two one zero*

CurrentAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> at <CurrentAltitude>	*Lear Two Four Alpha at one three thousand feet*
<CallSign> with you at <CurrentAltitude>	*Lear Two Four Alpha with you at one three thousand feet*

Departure

Allowed ATC Controllers	UNICOM

FieldInSight

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarDirector; RadarControl; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Field in sight <CallSign>	*Field in sight, Lear Two Four Alpha*
Airport in sight <CallSign>	*Airport in sight, Lear Two Four Alpha*
runway in sight <CallSign>	*Runway in sight, Lear Two Four Alpha*
<CallSign> has Field in sight Request touch and go	*Lear Two Four Alpha has field in sight, request touch and go*
<CallSign> Field in sight for touch and go	*Lear Two Four Alpha, field in sight for touch and go*

Grammar Phrases

GoingAround

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr	
Rule		**Sample**
<CallSign> going around		*Lear Two Four Alpha going around*
<CallSign> missed approach		*Lear Two Four Alpha missed approach*

LandingIntention

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr	
Rule		**Sample**
<CallSign> On final for the option		*Lear Two Four Alpha on final for the option*
<CallSign> on final for touch and go		*Lear Two Four Alpha on final for touch and go*
<CallSign> on final for full stop		*Lear Two Four Alpha on final for full stop*

PatternDeparture

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	
Rule		**Sample**
<CallSign> making left departure runway <runway>		*Lear Two Four Alpha making left departure runway zero five*
<CallSign> making right departure runway <runway>		*Lear Two Four Alpha making right departure runway zero five*
<CallSign> making straight out departure runway <runway>		*Lear Two Four Alpha making straight out departure runway zero five*
<CallSign> making right turn out runway <runway>		*Lear Two Four Alpha making right turn out runway zero five*

PatternLocation

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	
Rule		**Sample**
<CallSign> downwind for runway <ActiveDestinationrunway>		*Lear Two Four Alpha downwind for runway one four left*
<CallSign> downwind runway <ActiveDestinationrunway> for touch and go		*Lear Two Four Alpha downwind runway one four left for touch and go*
<CallSign> on left downwind for runway <ActiveDestinationrunway> touch and go		*Lear Two Four Alpha on left downwind for runway one four left touch and go*
<CallSign> on right downwind for runway <ActiveDestinationrunway> touch and go		*Lear Two Four Alpha on right downwind for runway one four left touch and go*
<CallSign> on left downwind runway <ActiveDestinationrunway>		*Lear Two Four Alpha on left downwind runway one four left*
<CallSign> right downwind runway <ActiveDestinationrunway>		*Lear Two Four Alpha right downwind runway one four left*
<CallSign> turning final runway <ActiveDestinationrunway>		*Lear Two Four Alpha turning final runway one four left*
<CallSign> on final runway <ActiveDestinationrunway>		*Lear Two Four Alpha on final runway one four left*

Grammar Phrases

Rule	Sample
<CallSign> on final runway <ActiveDestinationrunway> for touch and go	*Lear Two Four Alpha on final runway one four left for touch and go*
<CallSign> turning crosswind <ActiveDestinationrunway>	*Lear Two Four Alpha turning crosswind one four left*
<CallSign> is clear of active	*Lear Two Four Alpha is clear of active*
<CallSign> turning final for touch and go <ActiveDestinationrunway>	*Lear Two Four Alpha turning final for touch and go one four left*
<CallSign> turning left crosswind <ActiveDestinationrunway>	*Lear Two Four Alpha turning left crosswind one four left*
<CallSign> turning right crosswind <ActiveDestinationrunway>	*Lear Two Four Alpha turning right crosswind one four left*
<CallSign> taking the active runway <ActiveDeparturerunway>	*Lear Two Four Alpha taking the active runway zero five*
<CallSign> taking the active runway <ActiveDeparturerunway> to remain in pattern	*Lear Two Four Alpha taking the active runway zero five to remain in pattern*
<CallSign> on left base runway <ActiveDestinationrunway>	*Lear Two Four Alpha on left base runway one four left*
<CallSign> on right base runway <ActiveDestinationrunway>	*Lear Two Four Alpha on right base runway one four left*
<CallSign> turning base runway <ActiveDestinationrunway>	*Lear Two Four Alpha turning base runway one four left*
<CallSign> turning base runway <ActiveDestinationrunway> for the option	*Lear Two Four Alpha turning base runway one four left for the option*

STARReport

Allowed ATC Controllers	Center; Approach; RadarControl; RadarDirector; App_Dep; Twr_Apr

ToAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> climbing to <AssignedAltitude>	*Lear Two Four Alpha climbing to flight level three two zero*
<CallSign> descending to <AssignedAltitude>	*Lear Two Four Alpha descending to flight level three two zero*
<CallSign> passing <CurrentAltitude> for <AssignedAltitude>	*Lear Two Four Alpha passing one three thousand feet for flight level three two zero*

Grammar Phrases

TrafficResponse

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr	

Rule	Sample
Traffic in sight	*Traffic in sight, Lear Two Four Alpha*
Tally Ho	*Tally Ho, Lear Two Four Alpha*
No Joy	*No Joy, Lear Two Four Alpha*
Traffic not in sight	*Traffic not in sight, Lear Two Four Alpha*
Looking	*Looking, Lear Two Four Alpha*

VFRPositionReportPosition

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; UNICOM; Info_FIS; Information; Departure; Center; Approach; RadarControl; Rad arDirector; FSS; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	

Rule	Sample
<CallSign> is over <PositionName> at <CurrentAltitude> at <CurrentZuluTime>	*Lear Two Four Alpha is over TOD at one three thousand feet at seventeen forty-one Zulu*
<CallSign> is over <PositionName> at <CurrentAltitude> at <CurrentZuluTime> expecting <NextPositionName> at <ETAZuluTime>	*Lear Two Four Alpha is over TOD at one three thousand feet at seventeen-one Zulu expecting EPPLEY at seventeen forty-five Zulu*

Readback

Altimeter

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarCo ntrol; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	

Rule	Sample
Altimeter <AltimeterSetting> <CallSign>	*Altimeter two nine point nine two Lear Two Four Alpha*
QNH is <QNHSetting> <CallSign>	*QNH is one zero one three point two Lear Two Four Alpha*

Approach

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr	

Rule	Sample
Expect ILS to <ActiveDestinationrunway> at <DestinationICAO>	*Expect ILS to one four left at Kilo Oscar Mike Alpha, Lear Two Four Alpha*
Expect RNav approach to <ActiveDestinationrunway> at <DestinationICAO>	*Expect RNAV approach to one four left at Kilo Oscar Mike Alpha, Lear Two Four Alpha*
Expect Visual Straight in <ActiveDestinationrunway>	*Expect Visual Straight in one four left, Lear Two Four Alpha*

AssignedAirspeed

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

Grammar Phrases

AssignedAltitude

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarCo ntrol; RadarDirector; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Cleared to <AssignedAltitude>	*Cleared to flight level three two zero, Lear Two Four Alpha*
Descend to <AssignedAltitude>	*Descend to flight level three two zero, Lear Two Four Alpha*
Climb to <AssignedAltitude>	*Climb to flight level three two zero, Lear Two Four Alpha*

Clearance

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarCo ntrol; RadarDirector; UNICOM; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Cleared to <DestinationICAO> as filed Maintain <AssignedAltitude> Departure on <ATCFrequency> Squawk <SquawkCode>	*Cleared to Kilo Oscar Mike Alpha as filed, Maintain flight level three two zero, Departure on one two three point four five, Squawk four two four three, Lear Two Four Alpha*
Cleared to <DestinationICAO> fly the <SIDName> departure with the <SIDTransitionName> transition then as filed Maintain <AssignedAltitude> Departure on <ATCFrequency> Squawk <SquawkCode>	*Cleared to Kilo India Alpha Hotel, fly the RITAA Five departure with the RNAV to TTAPS transition then as filed, Maintain flight level three two zero, Departure on one two three point four five, Squawk four two four three, Lear Two Four Alpha*
<CallSign> is Cleared to <DestinationICAO> as filed Maintain <AssignedAltitude> Departure on <ATCFrequency> Squawk <SquawkCode>	*Lear Two Four Alpha is Cleared to Kilo Oscar Mike Alpha as filed, Maintain flight level three two zero, Departure on one two three point four five, Squawk four two four three*
Cleared to <DestinationICAO> with VFR Flight Following Maintain <AssignedAltitude> Departure on <ATCFrequency> Squawk <SquawkCode>	*Cleared to Kilo Oscar Mike Alpha with VFR Flight Following, Maintain flight level three two zero, Departure on one two three point four five, Squawk four two four three, Lear Two Four Alpha*
Cleared VFR to <DestinationICAO> Maintain <AssignedAltitude> Squawk <SquawkCode>	*Cleared VFR to Kilo Oscar Mike Alpha, Maintain flight level three two zero, Squawk four two four three, Lear Two Four Alpha*
Cleared VFR to <DestinationICAO> Maintain <AssignedAltitude> Squawk <SquawkCode>	*Cleared VFR to Kilo Oscar Mike Alpha, Maintain flight level three two zero, Squawk four two four three, Lear Two Four Alpha*
Cleared to <DestinationICAO> fly the <SIDName> departure with the <SIDTransitionName> transition then as filed. Climb to <AssignedAltitude> via the departure. Expect higher clearances seven minutes after departure. Departure on <ATCFrequency> Squawk <SquawkCode>	*Cleared to Kilo India Alpha Hotel, fly the RITAA Five departure with the RNAV to TTAPS transition then as filed, Climb to flight level three two zero via the departure, Expect higher clearances seven minutes after departure, Departure on one two three point four five, Squawk four two four three, Lear Two Four Alpha*
Cleared to <DestinationICAO> Climb via the <SIDName> departure with the <SIDTransitionName> transition then as filed. Climb to <AssignedAltitude> via the departure. Expect higher clearances seven minutes after departure.	*Cleared to Kilo India Alpha Hotel, Climb via the RITAA Five departure with the RNAV to TTAPS transition then as filed, Climb to flight level three two zero via the departure Expect higher clearances seven minutes after departure, Lear Two Four Alpha*

Grammar Phrases

Crossrunway

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> crossing runway <ActiveCrossrunway>	*Lear Two Four Alpha crossing runway two zero*
Cleared to cross runway <ActiveCrossrunway>	*Cleared to cross runway two zero, Lear Two Four Alpha*

EngineStart

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
Engine Start Approved	*Engine start approved, Lear Two Four Alpha*
Cleared for Engine Start	*Cleared for engine start, Lear Two Four Alpha*

Expectedrunway

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Frequency

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<ATCController> on <ATCFrequency> <CallSign>	*Clearance Delivery on one two three point four five, Lear Two Four Alpha*

Heading

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Heading <AssignedHeading>	*Heading one three zero, Lear Two Four Alpha*
Fly Heading <AssignedHeading>	*Fly heading one three zero, Lear Two Four Alpha*

LineupAndWait

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
Cleared to Line up and wait <ActiveDeparturerunway>	*Cleared to line up and wait zero five, Lear Two Four Alpha*
Line up and wait runway <ActiveDeparturerunway>	*Line up and wait runway zero five, Lear Two Four Alpha*
Line up and report ready runway <ActiveDeparturerunway>	*Line up and report ready runway zero five, Lear Two Four Alpha*
Line up runway <ActiveDeparturerunway>	*Line up runway zero five, Lear Two Four Alpha*
Lining up runway <ActiveDeparturerunway>	*Lining up runway zero five, Lear Two Four Alpha*

Grammar Phrases

Pushback

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; T wr_Apr	
Rule	**Sample**	
Cleared for Pushback	*Cleared for pushback, Lear Two Four Alpha*	
Pushback approved	*Pushback approved, Lear Two Four Alpha*	

PushbackEngineStart

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; T wr_Apr	
Rule	**Sample**	
<CallSign> cleared for Pushback and Engine Start	*Lear Two Four Alpha, cleared for pushback and engine start*	
Pushback and Engine Start Approved	*Pushback and engine start Approved, Lear Two Four Alpha*	

Released

Allowed ATC Controllers	Departure; Center; App_Dep
Rule	**Sample**
<CallSign> released for departure runway <ActiveDeparturerunway> at <DepartureICAO> After takeoff turn left to heading two seven zero Climb and maintain <AssignedAltitude> Release for departure void at thirteen twenty Zulu advise with alternate intentions no later than thirteen thirty Zulu time now is thirteen hundred Zulu	*Lear Two Four Alpha released for departure runway zero five at Kilo Delta Sierra Mike, After takeoff turn left to heading two seven zero, Climb and maintain flight level three two zero, Release for departure void at thirteen twenty Zulu advise with alternate intentions no later than thirteen thirty Zulu, Time now is thirteen hundred Zulu*

SquawkCode

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	
Rule	**Sample**	
Squawk <SquawkCode>	*Squawk four two four three, Lear Two Four Alpha*	
Squawking <SquawkCode>	*Squawking four two four three, Lear Two Four Alpha*	

Takeoff

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr	
Rule	**Sample**	
Cleared for takeoff <ActiveDeparturerunway>	*Cleared for takeoff zero five, Lear Two Four Alpha*	
<CallSign> Cleared for takeoff <ActiveDeparturerunway>	*Lear Two Four Alpha Cleared for takeoff zero five*	
<CallSign> Cleared for takeoff <ActiveDeparturerunway> squawking <SquawkCode>	*Lear Two Four Alpha Cleared for takeoff zero five, squawking four two four three*	

Grammar Phrases

Taxi

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
Taxi to runway <ActiveDeparturerunway> via taxiways <TaxiRoute> hold short runway <HoldShortrunways>	*Taxi to runway zero five via taxiways alpha golf lima, hold short runway one seven left and runway one seven right, Lear Two Four Alpha*
Taxi direct to runway <ActiveDeparturerunway>	*Taxi direct to runway zero five, Lear Two Four Alpha*

ToAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> climbing to <AssignedAltitude>	*Lear Two Four Alpha climbing to flight level three two zero*
<CallSign> descending to <AssignedAltitude>	*Lear Two Four Alpha descending to flight level three two zero*
<CallSign> passing <CurrentAltitude> for <AssignedAltitude>	*Lear Two Four Alpha passing one three thousand feet for flight level three two zero*

TrafficAlert

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

YesNoResponse

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Affirmative <CallSign>	*Affirmative, Lear Two Four Alpha*
Negative <CallSign>	*Negative, Lear Two Four Alpha*

Request

Approach

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> inbound at <CurrentAltitude> request ILS Approach to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request ILS Approach to one four left*
<CallSign> inbound at <CurrentAltitude> request VOR Approach to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request VOR Approach to one four left*
<CallSign> inbound at <CurrentAltitude> request RNAV Approach to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request RNAV Approach to one four left*
<CallSign> inbound at <CurrentAltitude> request GPS Approach to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request GPS Approach to one four left*

Grammar Phrases

Rule	Sample
<CallSign> inbound at <CurrentAltitude> request Visual Straight in to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request Visual Straight in to one four left*
<CallSign> inbound at <CurrentAltitude> request Radar Vectors for Visual Straight in to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request Radar Vectors for Visual Straight in to one four left*
<CallSign> inbound at <CurrentAltitude> requesting Radar Vectors for ILS to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, requesting Radar Vectors for ILS to runway one four left*
<CallSign> inbound at <CurrentAltitude> request Radar Vectors for RNAV approach to <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet, request Radar Vectors for RNAV approach to one four left*
<CallSign> inbound at <CurrentAltitude> request ILS Approach to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request ILS Approach to runway zero five*
<CallSign> inbound at <CurrentAltitude> request VOR Approach to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request VOR Approach to runway zero five*
<CallSign> inbound at <CurrentAltitude> request RNAV Approach to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request RNAV Approach to runway zero five*
<CallSign> inbound at <CurrentAltitude> request GPS Approach to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request GPS Approach to runway zero five*
<CallSign> inbound at <CurrentAltitude> request Visual Straight in to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request Visual Straight in to runway zero five*
<CallSign> inbound at <CurrentAltitude> request Radar Vectors for Visual Straight in to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request Radar Vectors for Visual Straight in to runway zero five*
<CallSign> inbound at <CurrentAltitude> request Radar Vectors for ILS to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request Radar Vectors for ILS to runway zero five*
<CallSign> inbound at <CurrentAltitude> request Radar Vectors for RNAV approach to <runway>	*Lear Two Four Alpha inbound at one three thousand feet, request Radar Vectors for RNAV approach to runway zero one*
<CallSign> inbound at <CurrentAltitude> for VFR Pattern Entry <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet for VFR Pattern Entry one four left*
<CallSign> inbound at <CurrentAltitude> for Visual Straight In <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet for Visual Straight In one four left*
<CallSign> inbound at <CurrentAltitude> for Overhead Pattern <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet for Overhead Pattern one four left*
<CallSign> inbound at <CurrentAltitude> for VFR Pattern Entry <runway>	*Lear Two Four Alpha inbound at one three thousand feet for VFR Pattern Entry runway zero five*
<CallSign> inbound at <CurrentAltitude> for Visual Straight In <runway>	*Lear Two Four Alpha inbound at one three thousand feet for Visual Straight In runway zero five*
<CallSign> inbound at <CurrentAltitude> for Overhead Pattern <runway>	*Lear Two Four Alpha inbound at one three thousand feet for Overhead Pattern runway zero five*
<CallSign> inbound at <CurrentAltitude> request NDB Approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha inbound at one three thousand feet request NDB Approach to runway one four left*
<CallSign> is missed approach request vectors for ILS to runway <ActiveDestinationrunway>	*Lear Two Four Alpha is missed approach request vectors for ILS to runway one four left*
<CallSign> is missed approach request vectors for RNAV approach to runway <ActiveDestinationrunway>	*Lear Two Four Alpha is missed approach request vectors for RNAV approach to runway one four left*

Grammar Phrases

Rule	Sample
<CallSign> is missed approach request vectors for visual straight in to runway <ActiveDestinationrunway>	*Lear Two Four Alpha is missed approach request vectors for visual straight in to runway one four left*
<CallSign> inbound at <CurrentAltitude> for Landing on the active	*Lear Two Four Alpha inbound at one three thousand feet for Landing on the active*

ArrivalrunwayRequest

Allowed ATC Controllers	Clr_PreTaxi; Tower; Twr_Uni; Info_Twr; Center; Approach; RadarControl; RadarDirector; Clr_Gnd; Clr_Gnd_ Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> request arrival runway <Runway>	*Lear Two Four Alpha, request arrival runway three five left.*

Cancel

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> cancel IFR	*Lear Two Four Alpha, cancel IFR*
<CallSign> cancel VFR Flight Following	*Lear Two Four Alpha, cancel VFR Flight Following*
<CallSign> cancel Flight Following	*Lear Two Four Alpha, cancel Flight Following*
<CallSign> cancel Traffic Advisory Service	*Lear Two Four Alpha, cancel Traffic Advisory Service*
<CallSign> cancel Radar Advisories	*Lear Two Four Alpha, cancel Radar Advisories*

Clearance

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> ready to copy IFR Clearance	*Lear Two Four Alpha ready to copy IFR Clearance*
<CallSign> ready to Copy	*Lear Two Four Alpha ready to copy*
<CallSign> ready to copy VFR Clearance	*Lear Two Four Alpha ready to copy VFR Clearance*

CloseFlightPlan

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
Please close our flight plan for <CallSign> at <CurrentZuluTime>	*Please close our flight plan for Lear Two Four Alpha at seventeen forty-one Zulu*
Please close my flight plan at <CurrentZuluTime>	*Please close my flight plan at seventeen forty-one Zulu, Lear Two Four Alpha*
Close Flight Plan	*Close Flight Plan, Lear Two Four Alpha*

Grammar Phrases

Crossrunway

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> waiting to cross <runway>	*Lear Two Four Alpha waiting to cross runway zero five*
<CallSign> holding short to cross <runway>	*Lear Two Four Alpha holding short to cross runway zero five*
<CallSign> ready to cross <runway>	*Lear Two Four Alpha ready to cross runway zero five*

CurrentAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

DeparturerunwayRequest

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_ Twr; Twr_Apr

Rule	Sample
<CallSign> request departure runway <Runway>	*Lear Two Four Alpha, request deparutre runway three five left.*

DirectTo

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_T wr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> request clearance direct to <ICAOCode>	*Lear Two Four Alpha request clearance direct to Kilo Oscar Mike Alpha*
<CallSign> request clearance direct to <DestinationICAO>	*Lear Two Four Alpha request clearance direct to Kilo Oscar Mike Alpha*

EngineStart

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> ready for engine start	*Lear Two Four Alpha ready for engine start*

EnrouteDescent

Allowed ATC Controllers	Departure; Center; Approach; RadarControl; RadarDirector; App_Dep; Twr_Apr

Rule	Sample
<CallSign> would like an enroute descent	*Lear Two Four Alpha would like an enroute descent*
<CallSign> requesting enroute descent	*Lear Two Four Alpha requesting enroute descent*
<CallSign> request an enroute descent	*Lear Two Four Alpha request an enroute descent*

Grammar Phrases

FrequencyChange

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr ; Gnd_Twr; App_Dep; Twr_Apr
Rule	**Sample**
<CallSign> request frequency change to Clearance Delivery	*Lear Two Four Alpha request frequency change to Clearance Delivery*
<CallSign> request frequency change to Ground	*Lear Two Four Alpha request frequency change to Ground*
<CallSign> request frequency change to Tower	*Lear Two Four Alpha request frequency change to Tower*
<CallSign> request frequency change to Departure	*Lear Two Four Alpha request frequency change to Departure*
<CallSign> request frequency change to Center	*Lear Two Four Alpha request frequency change to Center*
<CallSign> request frequency change to Approach	*Lear Two Four Alpha request frequency change to Approach*

IFRRelease

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr
Rule	**Sample**
<CallSign> ready for IFR Release runway <ActiveDeparturerunway> at <DepartureICAO>	*Lear Two Four Alpha ready for IFR release runway zero five at Kilo Delta Sierra Mike*
<CallSign> request IFR Release runway <ActiveDeparturerunway> at <DepartureICAO>	*Lear Two Four Alpha request IFR release runway zero five at Kilo Delta Sierra Mike*

LandingIntention

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr
Rule	**Sample**
<CallSign> request the option runway <runway>	*Lear Two Four Alpha request the option runway zero five*
<CallSign> request touch and go runway <runway>	*Lear Two Four Alpha request touch and go runway zero five*
<CallSign> request full stop runway <runway>	*Lear Two Four Alpha request full stop runway zero five*
<CallSign> would like full stop runway <runway>	*Lear Two Four Alpha would like full stop runway zero five*

LastTransmission

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr
Rule	**Sample**
Say again Last Transmission for <CallSign>	*Say again last transmission for Lear Two Four Alpha*
Please repeat last transmission for <CallSign>	*Please repeat last transmission for Lear Two Four Alpha*
Say again for <CallSign>	*Say again for Lear Two Four Alpha*

Grammar Phrases

LeaveFreq

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr

Rule	Sample
<CallSign> Request to leave frequency	*Lear Two Four Alpha, request to leave frequency*
<CallSign> Would like to leave frequency	*Lear Two Four Alpha would like to leave frequency*
<CallSign> Request to leave frequency to check weather	*Lear Two Four Alpha request to leave frequency to check weather*

OpenFlightPlan

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; UNICOM; Info_FIS; Information; FSS; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_ Dep; Twr_Apr

Rule	Sample
Open flight plan from <DepartureICAO> to <DestinationICAO> at <CurrentZuluTime> <CallSign>	*Open flight plan from Kilo Delta Sierra Mike to Kilo Oscar Mike Alpha at seventeen forty-one Zulu, Lear Two Four Alpha*
Open flight plan for <CallSign> from <DepartureICAO> to <DestinationICAO> at <CurrentZuluTime>	*Open flight plan for Lear Two Four Alpha from Kilo Mike India Alpha to Kilo Oscar Mike Alpha at seventeen forty-one Zulu*

PatternDeparture

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> request left departure runway <runway>	*Lear Two Four Alpha, request left departure runway zero five*
<CallSign> request straight out departure runway <runway>	*Lear Two Four Alpha, request straight out departure runway zero five*
<CallSign> request right departure runway <runway>	*Lear Two Four Alpha, request right departure runway zero five*
<CallSign> request right turn out runway <runway>	*Lear Two Four Alpha, request right turn out runway zero five*
<CallSign> request left turn out runway <runway>	*Lear Two Four Alpha, request left turn out runway zero five*

Pushback

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> ready for pushback	*Lear Two Four Alpha ready for pushback*

Grammar Phrases

PushbackEngineStart

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr	

Rule	Sample
<CallSign> ready for pushback and engine start	*Lear Two Four Alpha, ready for pushback and engine start*
<CallSign> ready for engine start	*Lear Two Four Alpha, ready for engine start*
<CallSign> ready for pushback	*Lear Two Four Alpha, ready for pushback*

RequestedAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr	

Rule	Sample
<CallSign> request climb to <Altitude>	*Lear Two Four Alpha request climb to flight level two four zero*
<CallSign> request descent to <Altitude>	*Lear Two Four Alpha request descent to flight level two four zero*
<CallSign> request new altitude of <Altitude>	*Lear Two Four Alpha request new altitude of two six zero*

Takeoff

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; Twr_Apr	

Rule	Sample
<ATCController> <CallSign> ready for departure runway <ActiveDeparturerunway>	*Clearance Delivery, Lear Two Four Alpha ready for departure, runway zero five*
<CallSign> request midfield departure runway <ActiveDeparturerunway>	*Lear Two Four Alpha, request midfield departure, runway zero five*

Rule	Sample
<CallSign> ready for midfield departure runway <ActiveDeparturerunway>	*Lear Two Four Alpha, ready for midfield departure, runway zero five*
<CallSign> number one for departure <ActiveDeparturerunway>	*Lear Two Four Alpha, number one for departure, zero five*
<CallSign> ready for midfield departure	*Lear Two Four Alpha, ready for midfield departure*
<CallSign> request midfield departure	*Lear Two Four Alpha, request midfield departure*
<CallSign> request intersection departure runway <ActiveDeparturerunway>	*Lear Two Four Alpha, request intersection departure runway zero five*
<CallSign> ready for departure runway <runway>	*Lear Two Four Alpha, ready for departure, runway zero five*
<CallSign> request midfield departure runway <runway>	*Lear Two Four Alpha, request midfield departure, runway zero five*
<CallSign> ready for departure runway <runway> to remain in pattern	*Lear Two Four Alpha, ready for departure, runway zero five to remain in pattern*
<ATCController> <CallSign> ready for departure <ActiveDeparturerunway> to remain in pattern	*Clearance Delivery, Lear Two Four Alpha, ready for departure, zero five to remain in pattern*

Grammar Phrases

Taxi

Allowed ATC Controllers	Ground; Tower; Twr_Uni; Info_Twr; Info_FIS; Information; Clr_Gnd; Clr_Gnd_Twr; Gnd_Twr; Twr_Apr

Rule	Sample
<CallSign> ready to taxi	*Lear Two Four Alpha, ready to taxi*
<CallSign> request taxi to <ActiveDeparturerunway>	*Lear Two Four Alpha, request taxi to zero five*
<CallSign> request taxi to Refueling	*Lear Two Four Alpha, request taxi to Refueling*
<CallSign> request taxi to Cargo Ramp	*Lear Two Four Alpha, request taxi to Cargo Ramp*
<CallSign> request taxi to General Aviation Ramp	*Lear Two Four Alpha, request taxi to General Aviation Ramp*
<CallSign> request taxi to the Gate	*Lear Two Four Alpha, request taxi to the Gate*
<CallSign> request taxi to <runway>	*Lear Two Four Alpha, request taxi to Runway zero five*
<CallSign> request taxi to Gate <GateName>	*Lear Two Four Alpha, request taxi to Gate charlie seven*

ToAltitude

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> request climb to <Altitude>	*Lear Two Four Alpha request climb to flight level two four zero*
<CallSign> request descent to <Altitude>	*Lear Two Four Alpha request descent to flight level two four zero*

VFRAirspaceEntry

Allowed ATC Controllers	Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> is <AirportDistance> <BearingFromAirport> at <CurrentAltitude> request transit of <AirportName> bravo airspace	*Lear Two Four Alpha is thirty miles east at one three thousand feet, request transit of Kilo Sierra Echo Alpha Bravo airspace*
<CallSign> is <AirportDistance> <BearingFromAirport> at <CurrentAltitude> request permission to enter <AirportName> bravo airspace	*Lear Two Four Alpha is thirty miles east at one three thousand feet request permission to enter Kilo Sierra Echo Alpha Bravo airspace*

Grammar Phrases

VFRFlightFollowing

Allowed ATC Controllers	ClearanceDelivery; Clr_PreTaxi; Ground; Tower; Twr_Uni; Info_Twr; Departure; Center; Approach; RadarControl; RadarDirector; Clr_Gnd; Clr_Gnd_Twr; Clr_Twr; Gnd_Twr; App_Dep; Twr_Apr

Rule	Sample
<CallSign> requesting VFR Flight Following from <DepartureICAO> to <DestinationICAO> at <CruiseAltitude>	*Lear Two Four Alpha requesting VFR Flight Following from Kilo Delta Sierra Mike to Kilo Oscar Mike Alpha at five thousand five hundred feet*
<CallSign> would like Flight Following from <DepartureICAO> to <DestinationICAO> at <CruiseAltitude>	*Lear Two Four Alpha would like Flight Following from Kilo Delta Sierra Mike to Kilo Oscar Mike Alpha at five thousand five hundred feet*
<CallSign> request VFR Traffic Advisories from <DepartureICAO> to <DestinationICAO> at <CruiseAltitude>	*Lear Two Four Alpha request VFR Traffic Advisories from Kilo Delta Sierra Mike to Kilo Oscar Mike Alpha at five thousand five hundred feet*

The Aviator's Alphabet

An important aviation tool is communication. Pilots and ground personnel use the phonetic alphabet to help them [1], understand each other, and [2], avoid confusion with similar sounding consonants and numbers. As a Pilot2ATC user, you'll be expected to communicate with ATC using proper language and phraseology.

EXAMPLE: *Every aircraft has a tail number, like N248CG. When a pilot speaks with ATC or ground control, that plane would be identified as "November Two Four Eight Charlie Golf."*

Character	Pronunciation	Phonic Pronunciation
A	Alfa	(AL-FAH)
B	Bravo	(BRAH-VOH)
C	Charlie	(CHAR-LEE) or (SHAR-LEE)
D	Delta	(DELL-TAH)
E	Echo	(ECK-OH)
F	Foxtrot	(FOX-TROT)
G	Golf	(GOLF)
H	Hotel	(HOH-TEL)
I	India	(IN-DEE-AH)
J	Juliet	(JEW-LEE-ETT)
K	Kilo	(KEY-LOH)
L	Lima	(LEE-MAH)
M	Mike	(MIKE)
N	November	(NO-VEM-BER)
O	Oscar	(OSS-CAH)
P	Papa	(PAH-PAH)
Q	Quebec	(KEH-BECK)
R	Romeo	(ROW-ME-OH)
S	Sierra	(SEE-AIR-RAH)
T	Tango	(TANG-GO)
U	Uniform	(YOU-NEE-FORM) or (OO-NEE-FORM)
V	Victor	(VIK-TAH)
W	Whiskey	(WISS-KEY)
X	X-ray	(ECKS-RAY)

Grammar Phrases

Character	Pronunciation	Phonic Pronunciation
Y	Yankee	(YANK-KEY)
Z	Zulu	(ZOO-LOO)
1	One	(WUN)
2	Two	(TOO)
3	Three	(TREE)
4	Four	(FOW-ER)
5	Five	(FIFE)
6	Six	(SIX)
7	Seven	(SEV-EN)
8	Eight	(AIT)
9	Nine	(NIN-ER)
0	Zero	(ZEE-RO)
100	One-Hundred	(WUN-HUNDRED)
1,000	One-Thousand	(WUN-THOUSAND)
10,000	One Zero Thousand	(WUN-ZERO-THOUSAND)