



# RECOMMENDATIONS TO ACHIEVE OUR COMMUNITY GOALS


Last revised: 03.06.2020

Green – VC approved language


Blue thumb represents previously agreed upon VC items

RECOMMENDATIONS	SAFETY	GOAL: MANAGED GROWTH 0.8% AIRLINE ENPLANEMENTS	GOAL: AT LEAST 30% EMISSIONS REDUCTIONS	GOAL: AT LEAST 30% NOISE REDUCTION	VALUES REFLECTED	DECISION STATUS
<p><b>1. Maximize the Safety of Our Airport</b></p> <p><u>Intent</u> Early on, the ASE Vision participants recognized “safety in the air and on the ground” as the number one priority for our community. The County and Airport should prioritize investments in policies, procedures and technology that minimize the risk of crashes, accidents, and hazardous materials spills by establishing and maintaining best practices and the highest standards.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Work with non-airline pilots and insurance providers to encourage and provide training and safety resources related to the unique characteristics and challenges of flying into ASE</li> <li>• Work with FAA on implementing NEXTGEN program which includes safe clearances, enhanced efficiency, and precision approaches</li> </ul> <p>Work with FAA to enhance safety by increasing the separation between aircraft. (This may reduce flow rate during peak periods)</p>					<p>Safety in the air and on the ground</p>	




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<p><b>2. Maximize the Sustainability of our New Airport</b> <u>Intent</u> Environmental responsibility is a cornerstone of our community and should also be a cornerstone of our Airport. It should be integrated into the Airport’s culture for both commercial and GA operations and passengers – a part of the Airport’s core mission. We encourage the County to fully explore federal, state and local policies to incentivize and accommodate aviation innovation in clean emissions and work with partners to stay on the leading edge of environmental sustainability. To meet our community value of environmental sustainability, our citizens set a goal of aggressively reducing greenhouse gas and other pollution emissions. The Vision Committee recommends that the County establish baselines for emissions and seek every opportunity in both new construction and deconstruction to reduce its emissions while pursuing the highest level of environmental stewardship in design and materials.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Design all facilities to <i>Net Zero</i></li> <li>• Implement short and long-term energy efficiency measures available for airfield and facilities, including but not limited to LED lighting and on-site renewables such as solar and geothermal</li> <li>• Electrify the airfield for both GA and commercial operations, including but not limited to:               <ul style="list-style-type: none"> <li>(a) ground support equipment</li> <li>(b) ground power (APUs)</li> <li>(c) air tempering units</li> <li>(d) Reduce APU idling similar to town idling-ordinance</li> <li>(e) Provide electrical hook-ups to eliminate APU usage</li> </ul> </li> </ul>		✓	✓	✓	Environmental Responsibility  Community Character  Design Excellence  Efficiency – an airport that works well	

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<ul style="list-style-type: none"> <li>• Establish the most accurate emissions baseline possible as a starting point. Implement strategies to reduce emissions by at least 30% as soon as possible, but no later than 2030.</li> <li>• Employ both modeling and local monitoring to track GHG and criteria pollutants, such as volatile organic compounds (VOCs) and particulates.</li> <li>• Reduce overall use of aviation led fuel</li> <li>• Create financial incentives through things like landing fees and fuel prices by allocating airport costs from excessive GHG emissions to the aircraft operations that create those costs and, thus, rewarding aircraft operators that meet the airport emission goals. Examples:             <ul style="list-style-type: none"> <li>(a) Carbon landing fee to fund on-site solar farm, biofuel and other green initiatives. Work with FAA to achieve federal and local GHG goals.</li> <li>(b) Implement Carbon offset program, but only to <i>complement</i> - not replace - onsite carbon reduction innovations. Prioritize offset that are local and within the community. Ensure that they are real, permanent, verifiable, incremental and implemented <i>in addition to</i> business-as-usual, ongoing practices.</li> </ul> </li> <li>• Incorporate biofuels that genuinely reduce the overall carbon footprint</li> <li>• Build an airport solar farm and install solar panels on terminal, FBO and other roof structures.</li> <li>• Use berms and sound walls to mitigate noise impacts. Use landscaping to enhance the visual appearance of berms and walls</li> <li>• Maintain and strictly enforce the curfew</li> <li>• Incentivize quieter planes</li> <li>• Emphasize public transport (aviation and ground) as a “first-choice” solution for all users.</li> </ul>		✓	✓	✓	<p>Environmental Responsibility</p> <p>Community Character</p> <p>Design Excellence</p> <p>Efficiency – an airport that works well</p>	
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<ul style="list-style-type: none"> <li>Emphasize access to public ground transportation to and from the airport over other single occupancy vehicle such as car rentals</li> </ul>						
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<p><b>3. Seamless Ground Connectivity</b> <u>Intent</u> Convenient, easy ground transportation will help reduce air pollution emissions through multi-modal transit, seamless connectivity and a reduction of overall number of vehicle trips to and from the airport. The Airport should act as an important multi-modal transport center that ensures a mix of public and private transportation. The County should improve and prioritize the accessibility and convenience of public transportation but also recognize that that transit alone will not fully address connectivity needs. Many passengers will continue to arrive at the Airport by car, and the Airport needs to maintain accessibility for all travelers.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>Infrastructure encourages electric ground transportation</li> <li>Increase utilization of RFTA</li> <li>Develop airport-specific circulator(s) with luggage capacity connecting to Ruby Park and Brush Creek.</li> <li>Improve baggage transport options for all traveling public to and from the terminal</li> <li>Provide internal and external wayfinding to promote transportation modes into town</li> <li>Encourage multi-passenger and ride-sharing opportunities in hotel shuttles, taxis and TNCs / ride hailing (Uber/Lyft), reducing reliance on single-occupancy vehicle trips to and from the airport</li> <li>Explore aerial and/or rail connections between the Airport, Aspen and Snowmass. Maintain future space for them</li> </ul>					<p>Environmental Responsibility</p> <p>Convenient and Easy Ground Transportation</p>	


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<p><b>4. Improve Airline Service Reliability</b> <u>Intent</u> Wherever possible, design infrastructure and operations to facilitate airline service</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Work with FAA to institute a Reservation System for commercial and GA operations during peak periods to protect airline schedules</li> <li>• Consider a Peak Period GA Pricing Program (if reservation system isn't sufficient)</li> <li>• East side taxiway design and moving GA to the north allows airliners to queue up more quickly for take offs</li> <li>• Request BOCC seek further actions that other airports may have implemented</li> </ul>		✓			<p>Safety in the air and on the ground</p> <p>Economic Vitality</p> <p>Community Character</p>	 <hr style="width: 20px; margin: 0 auto;"/>
<p><b>5. Non-Airline Reserved Parking (Ramp Space)</b> <u>Intent</u> Redesign non-airline reserve parking to pursue all four community goals.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Reconfigure GA ramp space to move large GA and Air Taxi to north end of the airport away from noise-sensitive residential areas</li> <li>• Implement International Civil Aviation Organization (ICAO) spacing standards. Avoid crowded "aircraft carrier parking".</li> <li>• County requires aircraft to plug in and minimize APU use. If County can't require plugin, County should subsidize to incentivize plug in use.</li> </ul>	✓	✓	✓	✓	<p>Safety in the air and on the ground</p> <p>Environmental Responsibility</p> <p>Community Character</p> <p>High quality of life</p>	 <hr style="width: 20px; margin: 0 auto;"/>

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<ul style="list-style-type: none"> <li>• Provide electrical and tempered air hook-ups at each parking space</li> <li>• Maintain current number of aircraft parking spots to avoid increases in “drop and go’s”. County should add non-airline parking spaces incrementally and measure impacts before adding additional space to reduce drop-and-go’s.</li> <li>• Analyze if the addition of hangars would reduce drop-and-go’s.</li> </ul>						
<p><b>6. FBO reflects Community Values</b></p> <p><u>Intent</u> Build a new FBO terminal and facilities that reflects community values and goals</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Require FBO to convey community character, values and culture in the same way as the commercial terminal when a new GA terminal is constructed.</li> <li>• FBO should be net zero.</li> <li>• Include the voluntary noise abatement into any design RFP</li> </ul>					<p>Community Character</p> <p>Warm and Welcoming</p>	

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<p><b>7. Build New Terminal</b> <u>Intent</u> ASE should not feel like a typical “anywhere” airport. Our terminal should integrate the Aspen Experience into its design and layout, helping to orient travelers to our community’s unique history, special pace, character, and values. Its design should help reduce whatever tensions may have accompanied them. The terminal should be an iconic and innovative building that is recognized immediately as “Aspen’s Airport,” unique and appropriate to a town that has hosted internationally renowned design conferences. And the County should provide a positive, healthy and safe work environment for airport staff.</p> <p>Our terminal should be flexible, “right sized and just big enough.” It should reflect our community character and be comfortable, efficient, net zero, and beautifully designed. To accommodate our values and goals and provide an efficient, well-functioning facility, we envision the new terminal will be in the range of approximately 75K to 90K square feet.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Build terminal spaces that can handle peak capacity but not feel built for peak capacity.</li> <li>• Meet best practices for travelers and employees, including sterile spaces, pet areas, re-composure areas, overflow area for luggage needs, and operational efficiency.</li> <li>• Expand curbside check-in and provide space for automated kiosks</li> <li>• Create spaces that are peaceful with comfortable, appealing dwell time.</li> </ul>	✓	✓	✓		<p>Adaptable, flexible and future proof</p> <p>Environmental Responsibility</p> <p>Community Character</p> <p>Warm and welcoming</p> <p>Design Excellence</p> <p>Efficiency – an airport that works well</p> <p>Adaptable, flexible and future proof</p> <p>Environmental Responsibility</p>	

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<ul style="list-style-type: none"> <li>• Design terminal around arts and culture that reflect our community.</li> <li>• Locally source programming, food, engagement, education from local institutions.</li> <li>• Sponsor exhibits, not ads, to reflect a cultural experience. Sell character.</li> <li>• Welcome booth and information desk should be visible and accessible</li> <li>• Accommodate all levels of mobility</li> <li>• Integrate helpful technology but don't let it dominate the visitor experience</li> </ul>	✓	✓	✓		<p>Community Character</p> <p>Warm and welcoming</p> <p>Design Excellence</p> <p>Efficiency – an airport that works well</p>	
<p><b>8. Open-air Jetways</b></p> <p><u>Intent</u></p> <p>Design as part of flexible gates</p> <p>Include jetway electrical connections and conditioned air to replace APUs. Open air and/or glass enclosed jetways with windows balances community character with sustainability and maintain the experience of feeling fresh air.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Maintain the visibility of the natural environment</li> <li>• Jetways for electrical hookups and accessibility</li> <li>• County has the authority without federal funds</li> </ul>	✓	✓	✓	✓	<p>Safety in the air and on the ground</p> <p>Environmental Responsibility</p> <p>Community Character</p> <p>Design Excellence</p>	



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<p><b>9. Provide 7 Gates with Comfortable Waiting Spaces</b></p> <p><u>Intent</u> Accommodate current service levels, improve the traveler experience, and manage future enplanement growth to the approximate 0.8% long-range target.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>7 gates slightly flattens out the schedule to reflect community values and goals and presents a reasonable constraint to long-range market demands without impacting current market needs</li> <li>Design terminal and ramp with sufficient space to add an 8th gate quickly if <u>necessary for efficient airport operations within 7 gates do not support</u> the 0.8% growth target</li> <li>Permit an 8th gate only if approved by BOCC resolution or ordinance after public hearings and input</li> <li>Comfortable gate seating to accommodate every person on the aircraft</li> </ul>		✓	✓		Community Character  Economic Vitality  Warm and Welcoming  Efficiency – an airport that works well  Adaptable, Flexible, Future-Proof  Economic Vitality	
<p><b>10. Flexible gates</b></p> <p><u>Intent</u> Avoid the “cruise ship” effect <u>of excessive crowds arriving at once</u>. Accommodate current and future service levels without disrupting the traveler or employee experience by limiting the number of aircraft that can operate from the terminal at any one time.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>Provide 7 gates for regional aircraft but fewer for larger aircraft. Gates “flex” down for larger aircraft, thus keeping total enplanement/deplanements at approximately the same</li> </ul>		✓	✓		Economic Vitality  Adaptable, flexible and future-proof  Efficiency – an airport that works well  Preserve high quality of life	

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<p>level, regardless of aircraft size.</p> <ul style="list-style-type: none"> <li>• Create a special arrival-only process to facilitate rapid deplaning of flights delayed by weather events and arriving together.</li> </ul>						Design Excellence	
<p><b>11. Reconfigure the airfield to accommodate <u>ADG III</u> aircraft with wingspans greater than 95'...AS LONG AS <u>Airlines agree that</u>....</b></p> <p>Their greenhouse gas and other emissions are significantly lower than the CRJ-700</p> <p>They are quieter than the CRJ-700</p> <p>They have no more than 110% to 120% of the number of seats of the BAE-146 (100 passengers) that previously served Aspen</p> <p><del>If a</del>Airlines' "fleet forecast" includes only planes weighing less than 140,000 lbs. (MTOW). <del>Design</del> runway, taxiway and ramp to this weight limit.</p> <p><u>Intent</u></p> <p>Create a safer, quieter and less polluting airport for the future. Accommodate aircraft of the future which are expected to be quieter, less polluting and have wider wingspans.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Separate the runway from the taxiway by 400' between centerlines</li> <li>• Widen the runway to 150'</li> <li>• Negotiation with airlines</li> <li>• Include the voluntary noise restriction</li> <li>• Reconvene Vision Committee for no more than 14 days to evaluate the success of stakeholder negotiations and make an alternate airport recommendation if necessary</li> </ul>	✓	✓	✓	✓	✓	<p>Safety in the air and on the ground</p> <p>Environmental Responsibility</p> <p>Adaptable, flexible and future-proof</p> <p>Economic vitality</p> <p>Efficiency</p> <p>Community Character</p>	

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<p><b>12. Leave the runway where it is</b></p> <p><u>Intent</u> Shift taxiway 80' east. Leaving runway reduces closure time by 50% (one 4-month summer closure vs 2) Reduce construction cost by approximately \$40 M. Overlay vs <del>Rebuild</del> <u>demolition and rebuild</u> saves carbon footprint (embodied carbon). Eliminates concern about shifting runway toward Shale Bluffs</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• Work with FAA</li> <li>• Requires future relocation of tower. Operating exception for GA aircraft movements until tower is relocated or alternative options (cameras or virtual tower) are implemented.</li> <li>• Move deicing pads to the east and relocate of surface vehicle parking to the north.</li> <li>• GA parking on the west side will be required to maintain same number of GA/Air Taxi parking spaces. Future ramp expansion space to be reserved based on "drop and go" analysis</li> </ul>	✓		✓	✓	<p>Safety in the air and on the ground</p> <p>Environmental Responsibility</p>	
<p><b>13. Construction Phasing</b></p> <p><u>Intent</u> Terminal improvements, airfield improvements and new aircraft should be synced appropriately to minimize community disruption. We urge the BOCC to carefully consider the order of improvements.</p> <p><u>How Achieved</u></p> <ul style="list-style-type: none"> <li>• <del>County focuses first on achieving centerline separations for the east side taxiway and then phase widening the runway.</del></li> </ul>		✓			<p>Community Character</p> <p>Quality of Life</p> <p>Efficiency – an airport that works well</p>	👍

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<p><b>14: Enhance the Traveler and Staff Experience</b></p> <p><u>Intent</u> We believe the airport should create an airport experience that reflects our community character that is warm, welcoming and efficient both today and far into the future. <u>Our airport should be memorable and outstanding.</u></p> <p><u>How Achieved:</u></p> <ul style="list-style-type: none"> <li>• Implement traveler satisfaction survey</li> <li>• Develop coordinated strategy for greeting and delivering visitors to Aspen whose flights are diverted and end up arriving by ground transportation after the Airport is closed.</li> <li>• County will monitor gate utilization during regular and irregular operations and the impacts on staff</li> <li>• Design of new terminal shall improve traveler and staff experience and provide sufficient surge capacity for irregular operations</li> </ul>					Adaptable, flexible and future-proof  Warm and Welcoming  Design Excellence  Economic Vitality  Community Character  High quality of life	