	Williston Basin International Airport Master Plan Stakeholder Advisory Committee Airside Facility Recommendations Meeting								
	Presented by: Kaci Nowicki Lead Planner SEH	Andy Loftus Project Manager Burns McDonnell	Anthony Dudas Airport Director Williston Basin International Airpo	ort					
1			WILLISTON BASIN	BURNS MEDONNELL SEH					





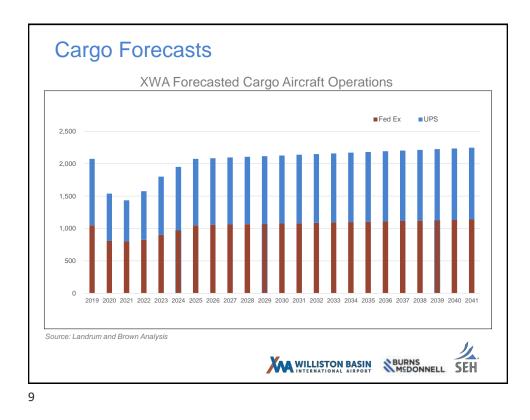


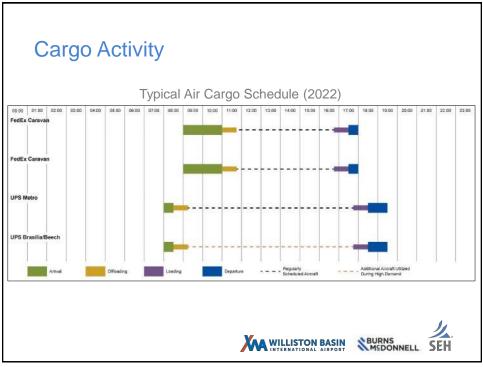




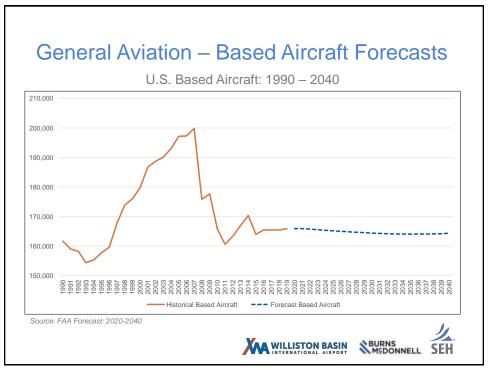


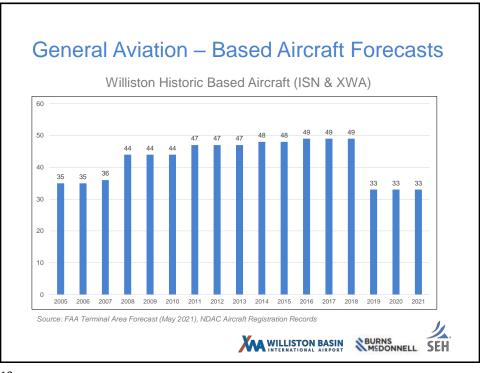


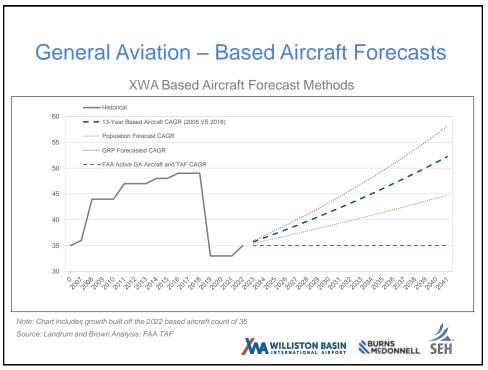




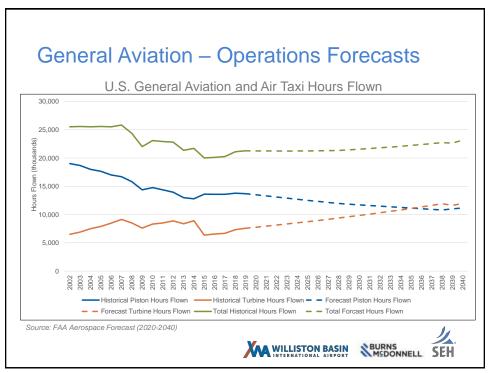


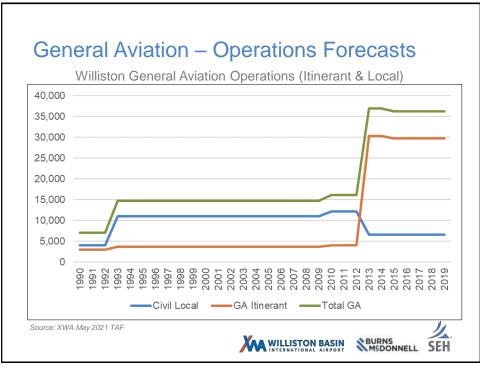


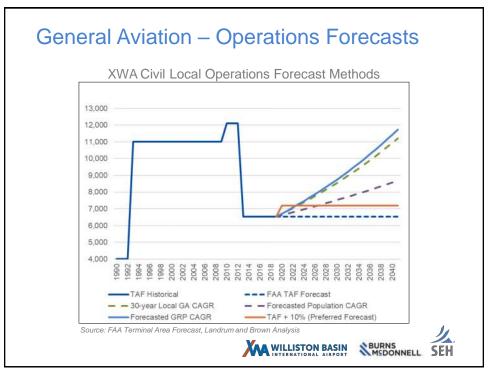


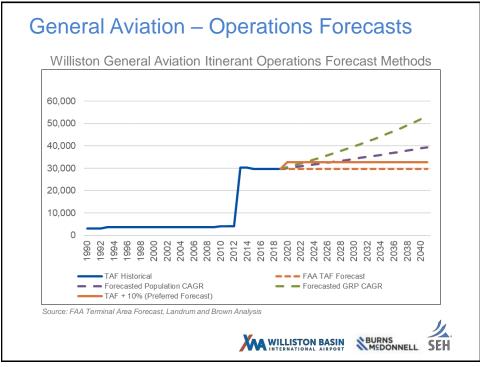


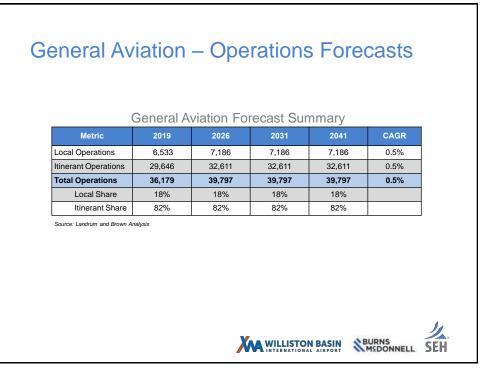
		E	Based Airc	raft Foreca	ast at the	Airport			
	M	etric	2019	2026	2031	20	41	CA	GR
	Total Based Aircraft		33	37	39	45		1.3	%
	Source: Lane	drum & Brown Ana	lysis						
		Mix of	Based Air	craft Fored	cast at the	e Airpo	rt		
Y	ear	Piston Single Engine	Turbine Single Engine	Piston Multi Engine	Turbine Multi Engine	Jet	Roto	rcraft	Total
2019 (Existing baseline)		25	2	4	0	0	2	2	33
20)26	27	2	4	1	0	:	3	37
2031		29	2	4	0	1	:	3	39
20	2041 36		2	3	0	1	:	3	45















	Critical Design Aircraft (overall airport)						
Period	Aircraft	мтоw	ARC	Operations 2019 2026 2031 2041			
xisting	CRJ	53,000	C-II	4,046	2,190	1,460	-
1id & Long-Term	E-175	85,517	C-III	-	1,643	2,373	4,015
				E-175		1	



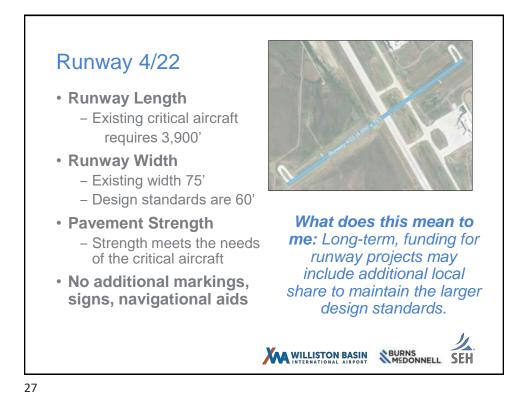


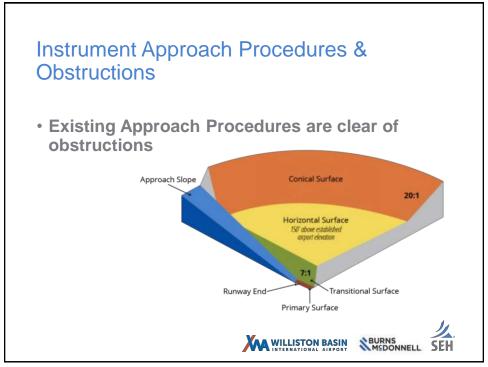
Runway 14/32

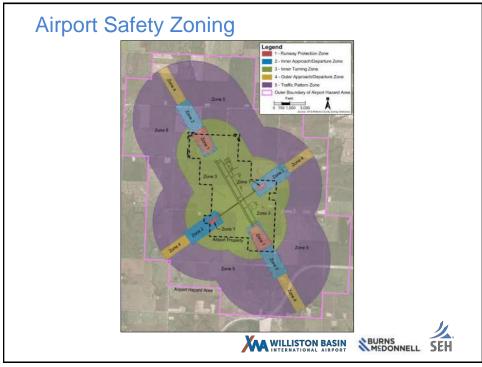
- Runway Length
 - Existing critical aircraft requires 6,903'
 - Runway extension to 8,500'
- Runway Width
 - Existing width 150'
 - Design standards are 100'
- Runway Shoulders
 - Paved shoulders recommended for ADG III runways
- Pavement Strength
 - Strength exceeds needs of the critical aircraft and support the larger aircraft that visit XWA
- No additional markings, signs, navigational aids

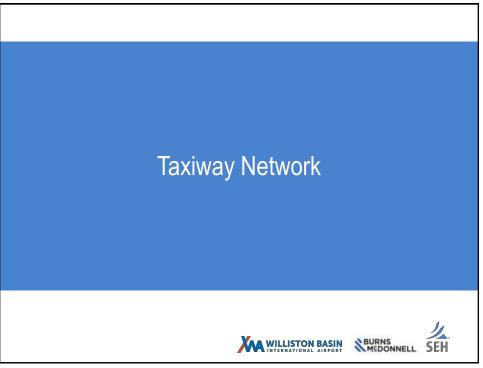
What does this mean to me: Long-term, funding for runway projects may include additional local share to maintain the larger design standards if the larger aircraft aren't operating at XWA.

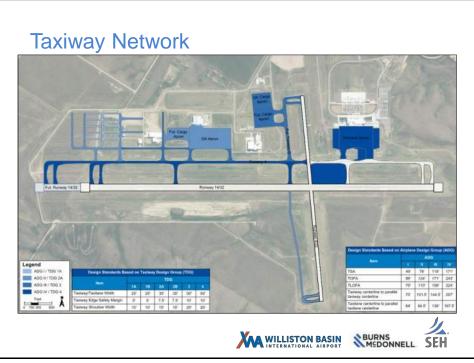


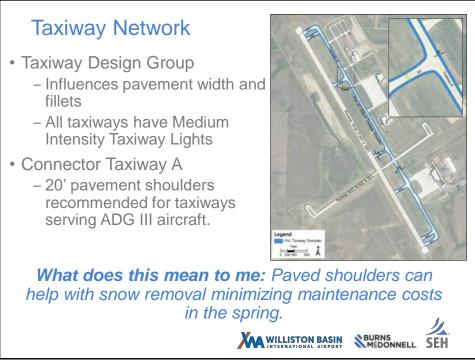


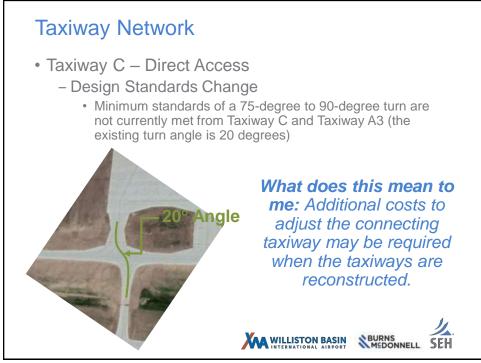


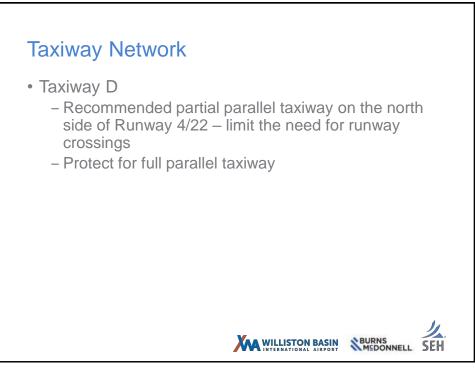


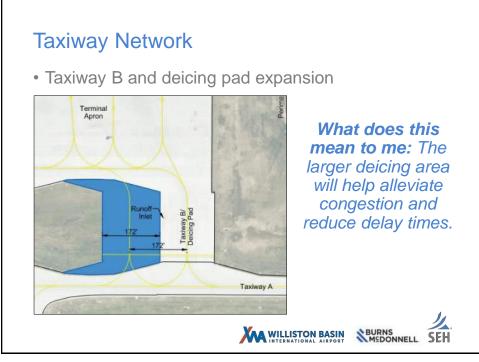








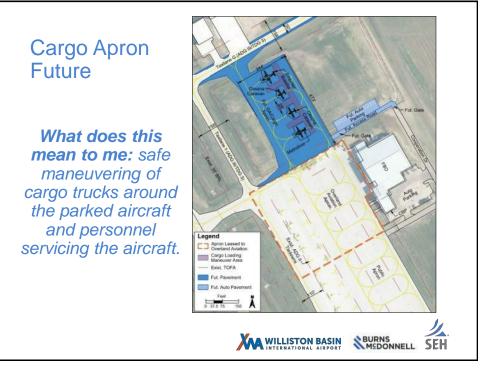




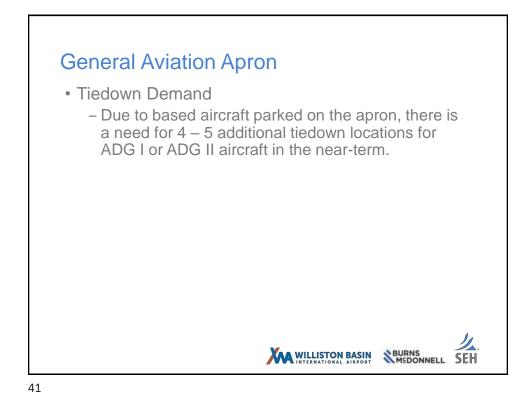


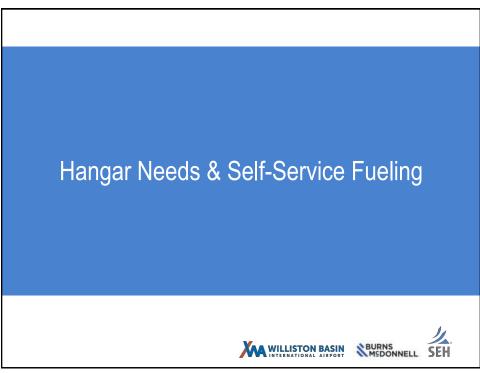


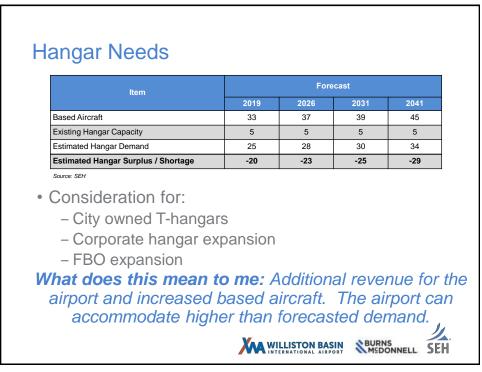


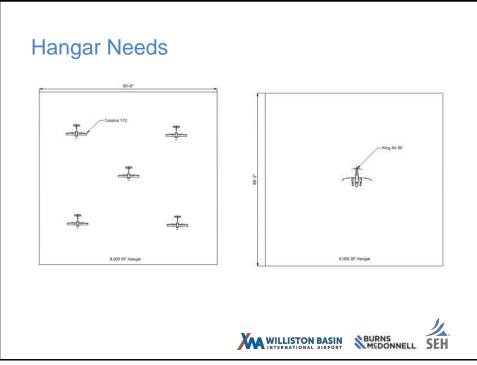




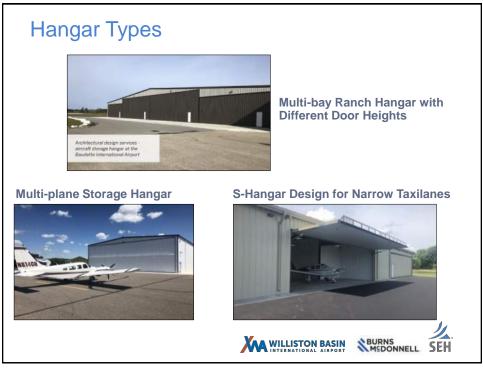


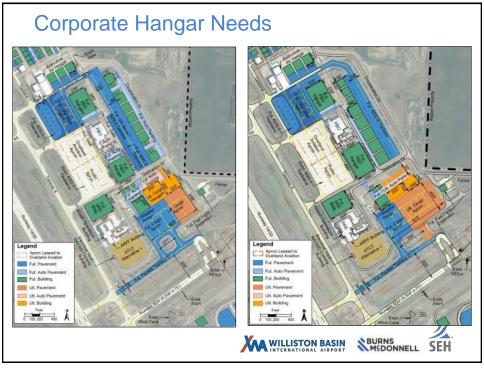


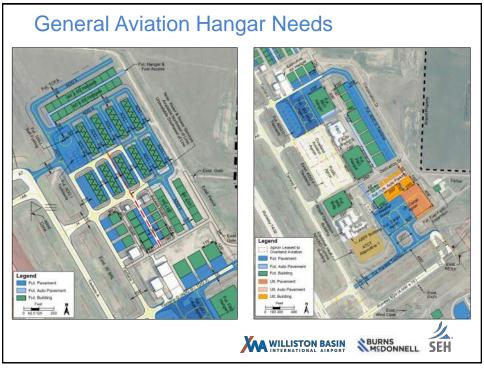


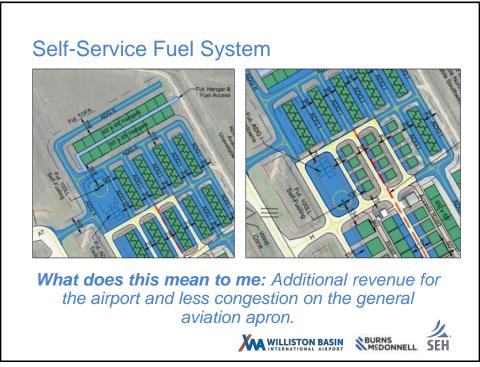














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