Solution Score Card

	Facts	Advantages	Disadvantages	Commentary
BSUR	Followed the BSUR ground track. Used a stair-step descent, but was designed to encourage idle-power flight. Had minimal impact everywhere.	Known to be good. No complaints from Santa Cruz county, relatively few from Santa Clara county.	Stair-stepping is not ideal. Depends on pilot skill to "tweak" the stair-steps to account for weather and other factors.	The score is "by definition". If we could have a "full revert", everyone would accept that. ***This is the "gold standard" - other solutions are compared to BSUR.***
DAVYJ	Follows the BSUR ground track. Uses an OPD approach.	OPD is designed to use idle-power flight more often than BSUR did. OPD is Optimized for current fleet of airplanes. **Avoids flying over high-elevation communities.** **Makes best use of the Stanford Industrial Park.** **Follows original ground track.** Studied in depth by the FAA and deemed "feasible".	Slightly lower than BSUR. No guarantee for the real-life performance of OPD.	DAVYJ is either a little bit better or a little bit worse than BSUR, and flies over the same track. In other words, **it is comparable to BSUR**. It is most certainly nothing like SERFR, since it is designed with the sole purpose of fixing SERFR. ***DAVYJ is the NextGen equivalent of "return to BSUR".***
Fix-in-place (FIP)	Follows the SERFR ground track. Uses an OPD approach.	OPD is designed to use idle-power flight more often than BSUR did. OPD is Optimized for current fleet of airplanes.	Slightly lower than BSUR. No guarantee for the real-life performance of OPD. **Flies over high-elevation communities.** **Does not follow the original ground track.** Makes Fixing BRIXX more difficult. Increases vectoring exposure to Scotts Valley.	The descent profile is the same as DAVYJ, but the ground track is A) shifted, and B) flies over the summit communities. FIP immortalized the track movement of SERFR, which is recognized as a mistake, but offers no advantages that DAVYJ doesn't already provide. ***With DAVYJ as an existing feasible solution, FIP is simply unacceptable.***
SERFR	Follows the SERFR ground track. Conflicts with Class B. Overridden by ATC so does not use OPD and instead flies level with power. ("Dive and Drive")	Cool name.	Shifted the noise away from the BSUR track onto new communities. Flies over high-elevation communities. Noisy flight practices and low de-facto altitudes. Makes Fixing BRIXX more difficult. Increases vectoring exposure to Scotts Valley.	10 points for the name, and besides, it could always be worse, so I have to leave some room at the bottom. ***SERFR is the "original sin". It is what we want to, and can, undo.***