ABSTRACT

1. During the past few decades field of electronics was drastically developed with the introduction of new technologies to the world and communication in all aspects were developed including the military communications. Military forces which are capable of better communications than its opponents will achieve its objectives due to the ability of respond much faster to changing situations and to organize their resources much more tactically. Thus, military forces all around the world are continuously developing systems, sensors and networks to deliver effective air, ground and space situational awareness to enable coordination of forces and more timely operational responses.

2. Since the capabilities, effectiveness and use of Air power are premised on communication technologies, SLAF is in a vision of gradually modernize the available communication systems to play a pivotal role in future. However, as the vision is so, no major upgrading were done to the SLAF communication systems except few replacements since the establishment of communication systems in early nineties.

3. Therefore, the purpose of this study is to understand the effectiveness of the current SLAF communication system to encounter the vision and future global challenges. Therefore, based on the core argument that "The existing SLAF communication systems will not be effective for future operational requirements", the argument was examined through interviews and secondary data to prove whether the argument is acceptable and applicable.